

# 标签抗体相关文献

## ▶ Epitope tags

- ▷ DDDDK (FLAG®)
- ▷ HA
- ▷ His
- ▷ Myc
- ▷ V5
- ▷ mini-AID
- ▷ GFP
- ▷ RFP
- ▷ S-tag
- ▷ T7-tag
- ▷ VSV-G-tag
- ▷ GST-tag
- ▷ Luciferase
- ▷ Trx
- ▷ MBP
- ▷  $\beta$ -galactosidase

## ▶ Isotype control

- ▷ IgG1
- ▷ IgM
- ▷ Rabbit IgG

## ▶ Loading control

- ▷ GAPDH
- ▷  $\alpha$ -Tubulin
- ▷  $\beta$ -Actin
- ▷  $\alpha$ -Tubulin
- ▷ Lamin B1

## ▶ Organelle Marker

- ▷ Calnexin
- ▷ CEMP-A
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- ▷ EEA1
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- ▷ KDEL
- ▷ LC3

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## ► Epitope tags

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## ► Epitope tags

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## ► Isotype control

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IgM	Mouse IgM (isotype control)	M079-3	23
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## ► Loading control

分类	产品名称	产品编号	页数
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$\beta$ -Actin	Anti- $\beta$ -Actin mAb	M177-3	25
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## ► Organelle Marker

分类	产品名称	产品编号	页数
Calnexin	Anti-Calnexin mAb	M178-3	28
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## ► Epitope tags

### ► DDDDK (FLAG®)

### ► Anti-DDDDK-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M185-3L	26934370	Hossain MS et al. Neuronal Orphan G-Protein Coupled Receptor Proteins Mediate Plasmalogens-Induced Activation of ERK and Akt Signaling. PLoS One. 11, e0150846 (2016)	WB,
	27588481	Fan L et al. FAM122A, a new endogenous inhibitor of protein phosphatase 2A. Oncotarget 7, 63887-63900 (2016)	WB,
	28000783	Makino S et al. Illegitimate translation causes unexpected gene expression from on-target out-of-frame alleles created by CRISPR-Cas9. Sci Rep. 6, 39608 (2016)	WB,
	28827794	Yang J et al. Isocitrate protects DJ-1 null dopaminergic cells from oxidative stress through NADP+-dependent isocitrate dehydrogenase (IDH). PLoS Genet. 13, e1006975 (2017)	WB,
	28848548	Zhou Y et al. Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. Front Immunol. 8, 940 (2017)	WB,
	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	WB,
	26928300	Konogami T et al. Ligand-dependent responses of the silkworm prothoracicotropic hormone receptor, Torso, are maintained by unusual intermolecular disulfide bridges in the transmembrane region. Sci Rep. 6, 222437 (2016)	WB,IP,
	28055019	Song KH et al. REP1 inhibits FOXO3-mediated apoptosis to promote cancer cell survival. Cell Death Dis. 8, e2536 (2017)	WB,IP,
	29137325	Huang Y et al. RLIM suppresses hepatocellular carcinogenesis by up-regulating p15 and p21. Oncotarget. 8, 83075-83087 (2017)	WB,IP,
	27601467	Feng S et al. Ewing Tumor-associated Antigen 1 Interacts with Replication Protein A to Promote Restart of Stalled Replication Forks. J Biol Chem. 291, 21956-21962 (2016)	WB,IC,
	28634046	Lee YK et al. Tumor antigen PRAME is up-regulated by MZF1 in cooperation with DNA hypomethylation in melanoma cells. Cancer Lett. 403, 144-151 (2017)	WB,ChIP,
	29106372	Xu Y et al. 53BP1 and BRCA1 control pathway choice for stalled replication restart. Elife. 6, e30523 (2017)	IP,
	26871431	Wu T et al. Expression of Ferritin Light Chain (FTL) Is Elevated in Glioblastoma, and FTL Silencing Inhibits Glioblastoma Cell Proliferation via the GADD45/JNK Pathway. PLoS One. 11, e0149361 (2016)	Co-IP,
M185-3LL	26934370	Hossain MS et al. Neuronal Orphan G-Protein Coupled Receptor Proteins Mediate Plasmalogens-Induced Activation of ERK and Akt Signaling. PLoS One. 11, e0150846 (2016)	WB,
	27588481	Fan L et al. FAM122A, a new endogenous inhibitor of protein phosphatase 2A. Oncotarget 7, 63887-63900 (2016)	WB,
	28000783	Makino S et al. Illegitimate translation causes unexpected gene expression from on-target out-of-frame alleles created by CRISPR-Cas9. Sci Rep. 6, 39608 (2016)	WB,
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### ► DDDDK (FLAG®)

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产品编号	使用文献PMID	使用文献标题	实验方法
M185-3S	26934370	Hossain MS et al. Neuronal Orphan G-Protein Coupled Receptor Proteins Mediate Plasmalogens-Induced Activation of ERK and Akt Signaling. PLoS One. 11, e0150846 (2016)	WB,
	27588481	Fan L et al. FAM122A, a new endogenous inhibitor of protein phosphatase 2A. Oncotarget 7, 63887-63900 (2016)	WB,
	28000783	Makino S et al. Illegitimate translation causes unexpected gene expression from on-target out-of-frame alleles created by CRISPR-Cas9. Sci Rep. 6, 39608 (2016)	WB,
	28827794	Yang J et al. Isocitrate protects DJ-1 null dopaminergic cells from oxidative stress through NADP+-dependent isocitrate dehydrogenase (IDH). PLoS Genet. 13, e1006975 (2017)	WB,
	28848548	Zhou Y et al. Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. Front Immunol. 8, 940 (2017)	WB,
	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	WB,
	26928300	Konogami T et al. Ligand-dependent responses of the silkworm prothoracicotropic hormone receptor, Torso, are maintained by unusual intermolecular disulfide bridges in the transmembrane region. Sci Rep. 6, 222437 (2016)	WB,IP,
	28055019	Song KH et al. REP1 inhibits FOXO3-mediated apoptosis to promote cancer cell survival. Cell Death Dis. 8, e2536 (2017)	WB,IP,
	29137325	Huang Y et al. RLIM suppresses hepatocellular carcinogenesis by up-regulating p15 and p21. Oncotarget. 8, 83075-83087 (2017)	WB,IP,
	27601467	Feng S et al. Ewing Tumor-associated Antigen 1 Interacts with Replication Protein A to Promote Restart of Stalled Replication Forks. J Biol Chem. 291, 21956-21962 (2016)	WB,IC,
	28634046	Lee YK et al. Tumor antigen PRAME is up-regulated by MZF1 in cooperation with DNA hypomethylation in melanoma cells. Cancer Lett. 403, 144-151 (2017)	WB,ChIP,
	29106372	Xu Y et al. 53BP1 and BRCA1 control pathway choice for stalled replication restart. Elife. 6, e30523 (2017)	IP,
	26871431	Wu T et al. Expression of Ferritin Light Chain (FTL) Is Elevated in Glioblastoma, and FTL Silencing Inhibits Glioblastoma Cell Proliferation via the GADD45/JNK Pathway. PLoS One. 11, e0149361 (2016)	Co-IP,

#### ► Anti-DDDDK-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M185-7	23959174	Takahashi RU et al. Ribophorin II regulates breast tumor initiation and metastasis through the functional suppression of GSK3 $\beta$ . Sci Rep. 3, 2474 (2013)	WB,
	26065921	Takahashi RU et al. Loss of microRNA-27b contributes to breast cancer stem cell generation by activating ENPP1. Nat Commun. 6, 7318 (2015)	WB,
	26272249	Lin Q et al. The SnRK2-APC/C(TE) regulatory module mediates the antagonistic action of gibberellic acid and abscisic acid pathways. Nat Commun. 6, 7981 (2015)	WB,
	26417948	Ichida Y et al. Functional Domains of ZFP809 Essential for Nuclear Localization and Gene Silencing. PLoS One 10, e0139274 (2015)	WB,
	28420882	Hiramatsu H et al. The role of the SWI/SNF chromatin remodeling complex in maintaining the stemness of glioma initiating cells. Sci Rep. 7, 889 (2017)	WB,
	28476891	Shibata T et al. Drosophila TG-A transglutaminase is secreted via an unconventional Golgi-independent mechanism involving exosomes and two types of fatty acylations. J Biol Chem. 292, 10723-10734 (2017)	WB,

#### ► Anti-DDDDK-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M185-10	28067406	Bae SJ et al. Ninjurin1 Assembles Into a Homomeric Protein Complex Maintained by N-linked Glycosylation. J Cell Biochem. 118, 2219-2230 (2017)	IP,
	28607151	Kokabu S et al. The transcriptional co-repressor TLE3 regulates myogenic differentiation by repressing the activity of the MyoD transcription factor. J Biol Chem 292, 12885-12894 (2017)	IP,



## ► Epitope tags

### ► DDDDK (FLAG®)

#### ► Anti-DDDDK-tag mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
M185-A48	27518265	Kobayashi Y et al. Exaptation of Bornavirus-Like Nucleoprotein Elements in Afrotherians. PLoS Pathog. 12, e1005785 (2016)	IC,
	28701790	Kasubuchi M et al. Membrane progesterone receptor beta (mPRβ/Paqr8) promotes progesterone-dependent neurite outgrowth in PC12 neuronal cells via non-G protein-coupled receptor (GPCR) signaling. Sci Rep.7, 5168 (2017)	IC,

#### ► Anti-DDDDK-tag mAb-Alexa Fluor 594

产品编号	使用文献PMID	使用文献标题	实验方法
M185-A59	24570130	DeoVK et al. A model for targeting colon carcinoma cells using single-chain variable fragments anchored on virus-like particles via glycosyl phosphatidylinositol anchor. Pharm Res. 31, 2166-77 (2014)	IC,

#### ► Anti-DDDDK-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM020	19295125	Takahashi S et al. The E3 ubiquitin ligase LNX1p80 promotes the removal of claudins from tight junctions in MDCK cells. J Cell Sci. 122, 985-94 (2009)	WB,
	20667453	Inageda K. Insulin modulates induction of glucose-regulated protein 78 during endoplasmic reticulum stress via augmentation of ATF4 expression in human neuroblastoma cells. FEBS Lett. 584, 3649-54 (2010)	WB,
	23741301	Itsumura N et al. Compound Heterozygous Mutations in SLC30A2/ZnT2 Results in Low Milk Zinc Concentrations: A Novel Mechanism for Zinc Deficiency in a Breast-Fed Infant. PLoS One. 8, e64045 (2013)	WB,
	25788693	Kohno T et al. Importance of Reelin C-terminal region in the development and maintenance of the postnatal cerebral cortex and its regulation by specific proteolysis. J Neurosci. 35, 4776-87 (2015)	WB,
	26101741	Matsuo E et al. Development of reverse genetics for Ibaraki virus to produce viable VP6-tagged IBV. FEBS Open Bio. 5, 445-53 (2015)	WB,IC,
	23658229	Sugiyama T et al. Red5 and three nuclear pore components are essential for efficient suppression of specific mRNAs during vegetative growth of fission yeast. Nucleic Acids Res. 41, 6674-86 (2013)	IP,
	28374796	Liu Y et al. Identification of Novel MAGE-G1-Interacting Partners in Retinoic Acid-Induced P19 Neuronal Differentiation Using SILAC-Based Proteomics. Sci Rep. 7, 44699 (2017)	IP,
	21402707	Fukunaka A et al. Tissue nonspecific alkaline phosphatase is activated via a two-step mechanism by zinc transport complexes in the early secretory pathway. J Biol Chem. 286, 16363-73 (2011)	IC,
	21734260	Kurio H et al. Identification of CEACAM6 as an intermediate filament-associated protein expressed in Sertoli cells of rat testis. Biol Reprod. 85, 924-33 (2011)	IC,
	23750214	Kitagawa M et al. Targeting Aurora B to the equatorial cortex by MKlp2 is required for cytokinesis. PLoS One 8, e64826 (2013)	IC,
	23885119	Murata H et al. SARM1 and TRAF6 bind to and stabilize PINK1 on depolarized mitochondria. Mol Biol Cell 24, 2772-84 (2013)	IC,
	27030108	Iimori M et al. Phosphorylation of EB2 by Aurora B and CDK1 ensures mitotic progression and genome stability. Nat Commun. 7, 11117 (2016)	IC,

#### ► Anti-DDDDK-tag pAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
PM020-8	24560272	Kato K et al. Fine-tuning of DNA damage-dependent ubiquitination by OTUB2 supports the DNA repair pathway choice. Mol Cell 53, 617-30 (2014)	IP,
	26096057	Jing H et al. Peptidyl-prolyl isomerization targets rice Aux/IAAs for proteasomal degradation during auxin signalling. Nat Commun. 6, 7395 (2015)	IP,

#### ► DDDDK-tagged Protein PURIFICATION GEL

产品编号	使用文献PMID	使用文献标题	实验方法
3328	26147347	Watanabe YS et al. Anagliptin, a potent dipeptidyl peptidase IV inhibitor: its single-crystal structure and enzyme interactions. J Enzyme Inhib Med Chem. 30, 981-8 (2015)	Other

## ► Epitope tags

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3329	26147347	Watanabe YS et al. Anagliptin, a potent dipeptidyl peptidase IV inhibitor: its single-crystal structure and enzyme interactions. J Enzyme Inhib Med Chem. 30, 981-8 (2015)	Other
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### ► HA

#### ► Anti-HA-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
561	23600753	Asanuma S et al. Adult T-cell leukemia cells are characterized by abnormalities of Helios expression that promote T cell growth. Cancer Sci. 104, 1097-106 (2013)	WB,
	23741301	Itsumura N et al. Compound Heterozygous Mutations in SLC30A2/ZnT2 Results in Low Milk Zinc Concentrations: A Novel Mechanism for Zinc Deficiency in a Breast-Fed Infant. PLoS One 8, e64045 (2013)	WB,
	24013172	Nishiyama A et al. Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. Nature 502, 249-53 (2013)	WB,
	28599655	Kato Y et al. Canine REIC/Dkk-3 interacts with SGTA and restores androgen receptor signalling in androgen-independent prostate cancer cell lines. BMC Vet Res. 13, 170 (2017)	WB,
	29162772	Kawakami S et al. Functional alteration of canine isocitrate dehydrogenase 2 (IDH2) via an R174K mutation. J Vet Med Sci. 80, 85-91 (2018)	WB,
	29285579	Kawakami S et al. R132 mutations in canine isocitrate dehydrogenase 1 (IDH1) lead to functional changes. Vet Res Commun. 42, 49-56 (2018)	WB,
	23732075	Ochiai K et al. Molecular cloning and tumour suppressor function analysis of canine REIC/Dkk-3 in mammary gland tumours. Vet J. 197, 769-75 (2013)	WB,IC,
	28966236	Sato F et al. Lysyl Oxidase Enhances the Deposition of Tropoelastin through the Catalysis of Tropoelastin Molecules on the Cell Surface. Biol Pharm Bull. 40, 1646-1653 (2017)	WB,IC,
	23658229	Sugiyama T et al. Red5 and three nuclear pore components are essential for efficient suppression of specific mRNAs during vegetative growth of fission yeast. Nucleic Acids Res. 41, 6674-86 (2013)	IP,
	24280224	Nomura T et al. Intracellular aggregation of mutant FUS/TLS as a molecular pathomechanism of amyotrophic lateral sclerosis. J Biol Chem. 289, 1192-202 (2014)	IC,
	28713972	Kataoka H et al. Expression and subcellular localization of AT motif binding factor 1 in colon tumours. Mol Med Rep. 16, 3095-3102 (2017)	IC,
	28646206	Ohmori T et al. CRISPR/Cas9-mediated genome editing via postnatal administration of AAV vector cures haemophilia B mice. Sci Rep. 7, 4159 (2017)	IH,
	27667193	Kishikawa T et al. Satellite RNAs promote pancreatic oncogenic processes via the dysfunction of YBX1. Nat Commun. 7, 13006 (2016)	RIP,

#### ► Anti-HA-tag pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
561-7	28839125	Xie Y et al. Phytochrome-interacting factors directly suppress MIR156 expression to enhance shade-avoidance syndrome in Arabidopsis. Nat Commun. 8, 348 (2017)	WB,

#### ► Anti-HA-tag pAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
561-8	23144622	Ogi T et al. Identification of the first ATRIP-deficient patient and novel mutations in ATR define a clinical spectrum for ATR-ATRIP Seckel Syndrome. PLoS Genet. 8: e1002945. 2012	IP,

#### ► Anti-HA-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M132-3	20876357	Kim TS et al. The ZFX3 (ATBF1) transcription factor induces PDGFRB, which activates ATM in the cytoplasm to protect cerebellar neurons from oxidative stress. Dis Model Mech. 3, 752-62 (2010)	WB,
	23708656	Mukai R, Ohshima T. HTLV-1 HBZ positively regulates the mTOR signaling pathway via inhibition of GADD34 activity in the cytoplasm. Oncogene. 33, 2317-28 (2014)	WB,IP,
	24926618	Zhang HH et al. Nemo-like kinase is critical for p53 stabilization and function in response to DNA damage. Cell Death Differ. 21, 1656-63 (2014)	WB,IP,



## ► Epitope tags

### ► HA

### ► Anti-HA-tag mAb

M132-3	20506502	Ohshima T et al. HTLV - 1 basic leucine - zipper factor, HBZ, interacts with MafB and suppresses transcription through a Maf recognition element. J Cell Biochem. 111, 187-94 (2010)	WB,Co-IP,
	21586271	Mukai R, Ohshima T. Dual effects of HTLV-1 bZIP factor in suppression of interferon regulatory factor 1. Biochem Biophys Res Commun. 409, 328-32 (2011)	WB,Co-IP,
	27697867	Mukai R, Ohshima T. Enhanced Stabilization of MCL1 by the Human T-Cell Leukemia Virus Type 1 bZIP Factor Is Modulated by Blocking the Recruitment of Cullin 1 to the SCF Complex. Mol Cell Biol. 36, 3075-3085 (2016)	WB,Co-IP,
	23144622	Ogi T et al. Identification of the first ATRIP-deficient patient and novel mutations in ATR define a clinical spectrum for ATR-ATRIP Seckel Syndrome. PLoS Genet. 8, e1002945 (2012)	IP,
M180-3	23623749	Tamura Y et al. Tam41 is a CDP-diacylglycerol synthase required for cardiolipin biosynthesis in mitochondria. Cell Metab. 17, 709-18 (2013)	WB,
	23754282	Iguchi M et al. Parkin-catalyzed Ubiquitin-Ester Transfer Is Triggered by PINK1-dependent Phosphorylation. J Biol Chem. 288, 22019-32 (2013)	WB,
	25847540	Okatsu K et al. Phosphorylated ubiquitin chain is the genuine Parkin receptor. J Cell Biol. 209, 111-28 (2015)	WB,
	26260794	Yamano K et al. Site-specific Interaction Mapping of Phosphorylated Ubiquitin to Uncover Parkin Activation. J Biol Chem. 290, 25199-211 (2015)	WB,
	27030108	Iimori M et al. Phosphorylation of EB2 by Aurora B and CDK1 ensures mitotic progression and genome stability. Nat Commun. 7, 11117 (2016)	WB,
	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	WB,
	29093216	Hu L et al. The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. Plant Cell. 29, 3157-31 (2017)	WB,
	28055019	Song KH et al. REP1 inhibits FOXO3-mediated apoptosis to promote cancer cell survival. Cell Death Dis. 8, e2536 (2017)	WB,IP,
	29137325	Huang Y et al. RLIM suppresses hepatocellular carcinogenesis by up-regulating p15 and p21. Plant Cell. 29, 3157-31 (2017)	WB,IP,
	26405199	Zhong E et al. A SnoRNA-derived piRNA interacts with human interleukin-4 pre-mRNA and induces its decay in nuclear exosomes. Nucleic Acids Res. 43, 10474-91 (2015)	RIP,Co-IP,
M180-3S	23623749	Tamura Y et al. Tam41 is a CDP-diacylglycerol synthase required for cardiolipin biosynthesis in mitochondria. Cell Metab. 17, 709-18 (2013)	WB,
	23754282	Iguchi M et al. Parkin-catalyzed Ubiquitin-Ester Transfer Is Triggered by PINK1-dependent Phosphorylation. J Biol Chem. 288, 22019-32 (2013)	WB,
	25847540	Okatsu K et al. Phosphorylated ubiquitin chain is the genuine Parkin receptor. J Cell Biol. 209, 111-28 (2015)	WB,
	26260794	Yamano K et al. Site-specific Interaction Mapping of Phosphorylated Ubiquitin to Uncover Parkin Activation. J Biol Chem. 290, 25199-211 (2015)	WB,
	27030108	Iimori M et al. Phosphorylation of EB2 by Aurora B and CDK1 ensures mitotic progression and genome stability. Nat Commun. 7, 11117 (2016)	WB,
	28055019	Song KH et al. REP1 inhibits FOXO3-mediated apoptosis to promote cancer cell survival. Cell Death Dis. 8, e2536 (2017)	WB,IP,
	26405199	Zhong E et al. A SnoRNA-derived piRNA interacts with human interleukin-4 pre-mRNA and induces its decay in nuclear exosomes. Nucleic Acids Res. 43, 10474-91 (2015)	RIP,Co-IP,
	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	Other

### ► Anti-HA-tag mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
M180-7	25586178	Ueyama T et al. The extracellular A-loop of dual oxidases affects the specificity of reactive oxygen species release. J Biol Chem. 290, 6495-506 (2015)	WB,
	28168301	Nyati KK et al. TLR4-induced NF- $\kappa$ B and MAPK signaling regulate the IL-6 mRNA stabilizing protein Arid5a. Nucleic Acids Res. 45, 2687-2703 (2017)	WB,
	28870810	Kwon HS et al. Analysis of an acyl-CoA binding protein in Aspergillus oryzae that undergoes unconventional secretion. Biochem Biophys Res Commun. 493, 481-486 (2017)	WB,

## ► Epitope tags

### ► HA

#### ► Anti-HA-tag mAb-HRP-Direct

<b>M180-7</b>	29093216	Hu L et al. The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. Plant Cell. 29, 3157-3185 (2017)	WB,
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#### ► Anti-HA-tag mAb-Magnetic Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
<b>M180-10</b>	23918979	Ueyama T et al. Negative charges in the flexible N-terminal domain of Rho GDP-dissociation inhibitors (RhoGDIs) regulate the targeting of the RhoGDI-Rac1 complex to membranes. J Immunol. 191, 2560-9 (2013)	IP,
	25586178	Ueyama T et al. The extracellular A-loop of dual oxidases affects the specificity of reactive oxygen species release. J Biol Chem. 290, 6495-506 (2015)	IP,
	29212242	Shahin F et al. Bovine herpesvirus 1 tegument protein UL21 plays critical roles in viral secondary envelopment and cell-to-cell spreading. Oncotarget 8, 94462-94480 (2017)	IP,

#### ► Anti-HA-tag mAb-Magnetic Beads

产品编号	使用文献PMID	使用文献标题	实验方法
<b>M180-11</b>	28959057	Jeong HW et al. Transcriptional regulation of endothelial cell behavior during sprouting angiogenesis. Nat Commun. 8, 726 (2017)	RIP,

#### ► Anti-HA-tag mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
<b>M180-A48</b>	28287148	Kazama M et al. Behavior of DNA-lacking mitochondria in Entamoeba histolytica revealed by organelle transplant. Sci Rep. 7, 44273 (2017)	IC,

### ► His

#### ► Anti-His-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
<b>D291-3</b>	21413013	Kawada J et al. Heteroclitic serological response in esophageal and prostate cancer patients after NY-ESO-1 protein vaccination. Int J Cancer 130, 584-92 (2012)	WB,
	21549103	Suzuki T et al. Monoubiquitination of Tob/BTG family proteins competes with degradation-targeting polyubiquitination. Biochem Biophys Res Commun. 409, 70-4 (2011)	WB,
	24711370	Hu B et al. HSCARG, a novel regulator of H2A ubiquitination by downregulating PRC1 ubiquitin E3 ligase activity, is essential for cell proliferation. Nucleic Acids Res. 42, 5582-93 (2014)	WB,
	25343355	Ito M et al. Combinatorial contextualization of peptidic epitopes for enhanced cellular immunity. PLoS One 9, e110425 (2014)	WB,
	25656399	Takeiwa T et al. Exportin-5 mediates nuclear export of SRP RNA in vertebrates. Genes Cells 20, 281-91 (2015)	WB,
	26147081	Han J et al. The CREB coactivator CRTC2 controls hepatic lipid metabolism by regulating SREBP1. Nature 524, 243-6 (2015)	WB,
	26186226	Maruyama K et al. ELISA-Based Detection System for Protein S K196E Mutation, a Genetic Risk Factor for Venous Thromboembolism. PLoS One 10, e0133196 (2015)	WB,
	27203549	Li Y et al. S100A7 induction is repressed by YAP via the Hippo pathway in A431 cells. Oncotarget. 7, 38133-38142 (2016)	WB,
	27468890	Ju Y et al. Arabidopsis JINGUBANG is a Negative Regulator of Pollen Germination that Prevents Pollination in Moist Environments. Plant Cell 28, 2131-2146 (2016)	WB,
	27477389	Bai D et al. The ATPase hCINAP regulates 18S rRNA processing and is essential for embryogenesis and tumour growth. Nat Commun. 7, 12310 (2016)	WB,
	27864145	Yan F et al. MyD88 NEDDylation negatively regulates MyD88-dependent NF- $\kappa$ B signaling through antagonizing its ubiquitination. Biochem Biophys Res Commun. 482, 632-637 (2017)	WB,
	28158224	Endo F et al. Development of a simple and quick immunochromatography method for detection of anti-HPV-16/-18 antibodies. PLoS One. 12, e0171314 (2017)	WB,
	28344766	Peng B et al. Phosphorylation of LSD1 by PLK1 promotes its chromatin release during mitosis. Cell Biosci. 7, 15 (2017)	WB,

## ► Epitope tags

### ► His

#### ► Anti-His-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D291-3	28516914	Ji Y et al. Adenylate kinase hCINAP determines self-renewal of colorectal cancer stem cells by facilitating LDHA phosphorylation. Nat Commun. 8, 15308 (2017)	WB,
	28791409	Lv J et al. Adenylate kinase hCINAP determines self-renewal of colorectal cancer stem cells by facilitating LDHA phosphorylation. Mol Med Rep. 16, 4475-4482 (2017)	WB,
	28874828	Ahsan KB et al. SRSF1 suppresses selection of intron-distal 5' splice site of DOK7 intron 4 to generate functional full-length Dok-7 protein. Sci Rep. 7, 10446 (2017)	WB,
	27829222	Phadngam S et al. PTEN dephosphorylates AKT to prevent the expression of GLUT1 on plasmamembrane and to limit glucose consumption in cancer cells. Oncotarget. 7, 84999-85020 (2016)	WB,IP,IC,
	25488668	Ogawa M et al. Impaired O-linked N-acetylglucosaminylation in the endoplasmic reticulum by mutated epidermal growth factor (EGF) domain-specific O-linked N-acetylglucosamine transferase found in Adams-Oliver syndrome. J Biol Chem. 290, 2137-49 (2015)	Other
D291-3S	21549103	Suzuki T et al. Monoubiquitination of Tob/BTG family proteins competes with degradation-targeting polyubiquitination. Biochem Biophys Res Commun. 409, 70-4 (2011)	WB,
	21413013	Kawada J et al. Heteroclitic serological response in esophageal and prostate cancer patients after NY-ESO-1 protein vaccination. Int J Cancer 130, 584-92 (2012)	WB,
	24711370	Hu B et al. HSCARG, a novel regulator of H2A ubiquitination by downregulating PRC1 ubiquitin E3 ligase activity, is essential for cell proliferation. Nucleic Acids Res. 42, 5582-93 (2014)	WB,
	25343355	Ito M et al. Combinatorial contextualization of peptidic epitopes for enhanced cellular immunity. PLoS One 9, e110425 (2014)	WB,
	25656399	Takeiwa T et al. Exportin-5 mediates nuclear export of SRP RNA in vertebrates. Genes Cells 20, 281-91 (2015)	WB,
	26186226	Maruyama K et al. ELISA-Based Detection System for Protein S K196E Mutation, a Genetic Risk Factor for Venous Thromboembolism. PLoS One 10, e0133196 (2015)	WB,

#### ► Anti-His-tag mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
D291-7	23772390	Yamaguchi A et al. In vitro characterization of the RS motif in N-terminal head domain of goldfish germinal vesicle lamin B3 necessary for phosphorylation of the p34cdc2 target serine by SRPK1. FEBS Open Bio. 3, 165-76 (2013)	WB,
	24263861	Sakata K et al. HCV NS3 protease enhances liver fibrosis via binding to and activating TGF- $\beta$ type I receptor. Sci Rep. 3, 3243 (2013).	WB,
	28258224	Maki M et al. Transglutaminase-catalyzed incorporation of polyamines masks the DNA-binding region of the transcription factor Relish. J Biol Chem. 292, 6369-6380 (2017)	WB,
	28476891	Shibata T et al. Drosophila TG-A transglutaminase is secreted via an unconventional Golgi-independent mechanism involving exosomes and two types of fatty acylations. J Biol Chem. 292, 10723-10734 (2017)	WB,
	26272249	Lin Q et al. The SnRK2-APC/C(TE) regulatory module mediates the antagonistic action of gibberellic acid and abscisic acid pathways. Nat Commun. 6, 7981 (2015)	Other

#### ► Anti-His-tag mAb-Magnetic Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
D291-10	26250836	Singh V et al. M. tuberculosis Secretory Protein ESAT-6 Induces Metabolic Flux Perturbations to Drive Foamy Macrophage Differentiation. Sci Rep. 5, 12906 (2015)	IP,

#### ► Anti-His-tag mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
D291-A48	27505250	Teye K et al. Isolation of All CD44 Transcripts in Human Epidermis and Regulation of Their Expression by Various Agents. PLoS One. 9, e0160952 (2016)	IC,
	27518265	Kobayashi K et al. Exaptation of Bornavirus-Like Nucleoprotein Elements in Afrotherians. PLoS Pathog. 12, e1005785 (2016)	IC,
	28701790	Kasubuchi M et al. Membrane progesterone receptor beta (mPR $\beta$ /Paqr8) promotes progesterone-dependent neurite outgrowth in PC12 neuronal cells via non-G protein-coupled receptor (GPCR) signaling. Sci Rep. 7, 5168 (2017)	IC,

## ► Epitope tags

### ► His

#### ► Anti-His-tag mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
D291-A48	28890351	Kikuchi T et al. In situ delivery and production system of trastuzumab scFv with Bifidobacterium. Biochem Biophys Res Commun. 493, 306-312 (2017)	FCM,IC,

#### ► Anti-His-tag mAb-Alexa Fluor 594

产品编号	使用文献PMID	使用文献标题	实验方法
D291-A59	24083426	Ungerer C et al. Galectin-9 is a suppressor of T and B cells and predicts the immune modulatory potential of mesenchymal stromal cell preparations. Stem Cells Dev. 23, 755-66 (2014)	IC,
	26318865	Yang C et al. Role of Suppressor of Cytokine Signaling 3 in the Immune Modulation of Mesenchymal Stromal Cells. Inflammation 39, 257-68 (2016)	IC,
	28890351	Kikuchi T et al. In situ delivery and production system of trastuzumab scFv with Bifidobacterium. Biochem Biophys Res Commun. 493, 306-312 (2017)	IH,

### ► Anti-His-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M089-3	22278837	Higashimoto Y et al. Development of a human herpesvirus 6 species-specific immunoblotting assay. J Clin Microbiol. 50, 1245-51 (2012)	WB,
	24167380	Ma L et al. Serum anti-CCNY autoantibody is an independent prognosis indicator for postoperative patients with early-stage nonsmall-cell lung carcinoma. Dis Markers 35, 317-25 (2013)	Other
M136-3	21829704	Sakaguchi M et al. TIRAP, an adaptor protein for TLR2/4, transduces a signal from RAGE phosphorylated upon ligand binding. PLoS One 6, e23132 (2011)	IP,

### ► Anti-His-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM032	21862596	Shibata Y et al. Activation of the IκB kinase complex by HTLV-1 Tax requires cytosolic factors involved in Tax-induced polyubiquitination. J Biochem. 150, 679-86 (2011)	WB,
	22379101	Kajikawa M et al. The intertransmembrane region of Kaposi's sarcoma-associated herpesvirus modulator of immune recognition 2 contributes to B7-2 downregulation. J Virol. 86, 5288-96 (2012)	WB,
	24013172	Nishiyama A et al. Uhrf1-dependent H3K23 ubiquitylation couples maintenance DNA methylation and replication. Nature. 502, 249-53 (2013)	WB,
	28970497	Lee Y et al. Structure of the triose-phosphate/phosphate translocator reveals the basis of substrate specificity. Nat Plants. 3, 825-832 (2017)	WB,
	19735482	Kojima K et al. Associations between PIWI proteins and TDRD1/MTR-1 are critical for integrated subcellular localization in murine male germ cells. Genes Cells. 14, 1155-65 (2009)	IP,
	21216843	Takemoto M et al. Laminar and areal expression of unc5d and its role in cortical cell survival. Cereb Cortex. 21, 1925-34 (2011)	IC,

### ► Myc

#### ► Anti-Myc-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
562	20042462	Matsushita T et al. Functional SNP of ARHGEF10 confers risk of atherothrombotic stroke. Hum Mol Genet. 19, 1137-46 (2010)	WB,
	23641686	Bai N et al. Dock3 interaction with a glutamate-receptor NR2D subunit protects neurons from excitotoxicity. Mol Brain 6, 22 (2013)	WB,
	20553715	Xue JF et al. DEDD negatively regulates transforming growth factor-beta1 signaling by interacting with Smad3. FEBS Lett. 584, 3028-34 (2010)	WB,IP,
	21402707	Fukunaka A et al. Tissue nonspecific alkaline phosphatase is activated via a two-step mechanism by zinc transport complexes in the early secretory pathway. J Biol Chem. 286, 16363-73 (2011)	IC,
	18552836	Nakaya Y et al. RhoA and microtubule dynamics control cell-basement membrane interaction in EMT during gastrulation. Nat Cell Biol. 10, 765-75 (2008)	IH,

## ► Epitope tags

### ► Myc

#### ► Anti-Myc-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
562	19168675	Shin M et al. Notch mediates Wnt and BMP signals in the early separation of smooth muscle progenitors and blood/endothelial common progenitors. <i>Development</i> 136, 595-603 (2009)	IH,
	23526492	Sangawa T et al. A multipurpose fusion tag derived from an unstructured and hyperacidic region of the amyloid precursor protein. <i>Protein Sci.</i> 22, 840-50 (2013)	ELISA,
	21573214	Isogai E et al. Oncogenic LMO3 collaborates with HEN2 to enhance neuroblastoma cell growth through transactivation of Mash1. <i>PLoS One</i> 6, e19297 (2011)	ChIP,
562-5	20042462	Matsushita T et al. Functional SNP of ARHGEF10 confers risk of atherothrombotic stroke. <i>Hum Mol Genet.</i> 19, 1137-46 (2010)	WB,
	23641686	Bai N et al. Dock3 interaction with a glutamate-receptor NR2D subunit protects neurons from excitotoxicity. <i>Mol Brain</i> 6, 22 (2013)	WB,
	20553715	Xue JF et al. DEDD negatively regulates transforming growth factor-beta1 signaling by interacting with Smad3. <i>FEBS Lett.</i> 584, 3028-34 (2010)	WB,IP,
	21402707	Fukunaka A et al. Tissue nonspecific alkaline phosphatase is activated via a two-step mechanism by zinc transport complexes in the early secretory pathway. <i>J Biol Chem.</i> 286, 16363-73 (2011)	IC,
	18552836	Nakaya Y et al. RhoA and microtubule dynamics control cell-basement membrane interaction in EMT during gastrulation. <i>Nat Cell Biol.</i> 10, 765-75 (2008)	IH,
	19168675	Shin M et al. Notch mediates Wnt and BMP signals in the early separation of smooth muscle progenitors and blood/endothelial common progenitors. <i>Development</i> 136, 595-603 (2009)	IH,
	23526492	Sangawa T et al. A multipurpose fusion tag derived from an unstructured and hyperacidic region of the amyloid precursor protein. <i>Protein Sci.</i> 22, 840-50 (2013)	ELISA,
	21573214	Isogai E et al. Oncogenic LMO3 collaborates with HEN2 to enhance neuroblastoma cell growth through transactivation of Mash1. <i>PLoS One</i> 6, e19297 (2011)	ChIP,

#### ► Anti-Myc-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M047-3	21668537	Sato T et al. Identification of 14-3-3 proteins as a target of ATL31 ubiquitin ligase, a regulator of the C/N response in Arabidopsis. <i>Plant J.</i> 68,137-46 (2011)	WB,
	20159986	Ren J et al. Methylation of ribosomal protein S10 by protein-arginine methyltransferase 5 regulates ribosome biogenesis. <i>J Biol Chem.</i> 285,12695-705 (2010)	WB,IP,
	21127074	Sun L et al. Substrate phosphorylation and feedback regulation in JFK-promoted p53 destabilization. <i>J Biol Chem.</i> 286, 4226-35 (2011)	WB,IP,
	25311841	Chen X et al. Coronavirus membrane-associated papain-like proteases induce autophagy through interacting with Beclin1 to negatively regulate antiviral innate immunity. <i>Protein Cell.</i> 5, 912-27 (2014)	WB,IP,
	29137325	Huang Y et al. RLIM suppresses hepatocellular carcinogenesis by up-regulating p15 and p21. <i>Oncotarget.</i> 8, 83075-83087 (2017)	WB,IP,
	24554434	Fang G et al. Centlein mediates an interaction between C-Nap1 and Cep68 to maintain centrosome cohesion. <i>J Cell Sci.</i> 127, 1631-9 (2014)	WB,IP,IC,
	28378844	Shin C et al. MKRN2 is a novel ubiquitin E3 ligase for the p65 subunit of NF- $\kappa$ B and negatively regulates inflammatory responses. <i>Sci Rep.</i> 7, 46097 (2017)	WB,IC,
	20944748	Arii J et al. Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus-1. <i>Nature</i> 467, 859-62 (2010)	IP,
	21642953	Hirano Y et al. Structural basis of cargo recognition by the myosin-X MyTH4-FERM domain. <i>EMBO J.</i> 30, 2734-47 (2011)	IP,
	21610094	Senju Y et al. Essential role of PACSIN2/syndapin-II in caveolae membrane sculpting. <i>J Cell Sci.</i> 124, 2032-40 (2011)	IC,
	23064114	Tani H et al. Identification of hundreds of novel UPF1 target transcripts by direct determination of whole transcriptome stability. <i>RNA Biol.</i> 9, 1370-9 (2012)	RIP,
	26738979	Arimoto-Matsuzaki K et al. TIA1 oxidation inhibits stress granule assembly and sensitizes cells to stress-induced apoptosis. <i>Nat Commun.</i> 7, 10252 (2016)	RIP,
	19763945	Bermejo R et al. ChIP-on-chip analysis of DNA topoisomerases. <i>Methods Mol Biol.</i> 582, 103-18 (2009)	ChIP,

## ► Epitope tags

### ► Myc

#### ► Anti-Myc-tag mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
M047-7	23028748	Arioka Y et al. Activation-induced cytidine deaminase alters the subcellular localization of Tet family proteins. PLoS One 7, e45031 (2012)	WB,
	23041461	Ogawa D et al. Molecular characterization of the rice protein RSS1 required for meristematic activity under stressful conditions. Plant Physiol Biochem. 61, 54-60 (2012)	WB,
	27578797	Otani T et al. IKKε inhibits PKC to promote Fascin-dependent actin bundling. Development 143, 3806-3816 (2016)	WB,
	28168301	Nyati KK et al. TLR4-induced NF-κB and MAPK signaling regulate the IL-6 mRNA stabilizing protein Arid5a. Nucleic Acids Res. 45, 2687-2703 (2017)	WB,
	28839125	Xie Y et al. Phytochrome-interacting factors directly suppress MIR156 expression to enhance shade-avoidance syndrome in Arabidopsis. Nat Commun. 8, 348 (2017)	WB,

#### ► Anti-Myc-tag mAb-Agarose

M047-8	24560272	Kato K et al. Fine-tuning of DNA damage-dependent ubiquitination by OTUB2 supports the DNA repair pathway choice. Mol Cell 53, 617-30 (2014)	IP,
	26679095	Ono R et al. PDLIM1 inhibits NF-κB-mediated inflammatory signaling by sequestering the p65 subunit of NF-κB in the cytoplasm. Sci Rep. 5, 18327 (2015)	IP,
	28378844	Shin C et al. MKRN2 is a novel ubiquitin E3 ligase for the p65 subunit of NF-κB and negatively regulates inflammatory responses. Sci Rep. 7, 46097 (2017)	IP,

#### ► Anti-Myc-tag mAb-Magnetic Beads

产品编号	使用文献PMID	使用文献标题	实验方法
M047-11	28806393	Jain P et al. CRAF gene fusions in pediatric low-grade gliomas define a distinct drug response based on dimerization profiles. Oncogene 36, 6348-6358 (2017)	Co-IP,

#### ► Anti-Myc-tag mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
M047-A48	23526492	Sangawa T et al. A multipurpose fusion tag derived from an unstructured and hyperacidic region of the amyloid precursor protein. Protein Sci. 22, 840-50 (2013)	IC,
	26242737	Rushworth D et al. Dihydrofolate Reductase and Thymidylate Synthase Transgenes Resistant to Methotrexate Interact to Permit Novel Transgene Regulation. J Biol Chem.; 290, 22970-6 (2015)	FCM,
	28393919	Honjoh C et al. Association of C-Type Lectin Mincle with FcεRIβ;γ; Subunits Leads to Functional Activation of RBL-2H3 Cells through Syk. Sci Rep. 7, 46064 (2017)	FCM,

#### ► Anti-Myc-tag mAb-Alexa Fluor 594

产品编号	使用文献PMID	使用文献标题	实验方法
M047-A59	28287148	Kazama M et al. Behavior of DNA-lacking mitochondria in Entamoeba histolytica revealed by organelle transplant. Sci Rep. 7, 44273 (2017)	IC,

#### ► Anti-Myc-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M192-3	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	WB,
	29037961	Ueda T et al. GADD45 family proteins suppress JNK signaling by targeting MKK7. Arch Biochem Biophys. 635, 1-7 (2017)	WB,
	29191246	Hamada N et al. KI MUNC18-1 gene abnormalities are involved in neurodevelopmental disorders through defective cortical architecture during brain development. Acta Neuropathol Commun. 5, 92 (2017)	WB,
	28821867	Horibata Y et al. Identification of the N-terminal transmembrane domain of StarD7 and its importance for mitochondrial outer membrane localization and phosphatidylcholine transfer. Sci Rep. 7, 8793 (2017)	WB,IC,
	29093216	Hu L et al. The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. Plant Cell. 29, 3157-31 (2017)	WB,Co-IP,



## ► Epitope tags

### ► Myc

#### ► Anti-Myc-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M192-3	24280224	Nomura T et al. Intracellular aggregation of mutant FUS/TLS as a molecular pathomechanism of amyotrophic lateral sclerosis. J Biol Chem. 289, 1192-202 (2014)	IC,
	25671812	Masaki S et al. Identification of the specific interactors of the human lariat RNA debranching enzyme 1 protein. Int J Mol Sci. 16, 3705-21 (2015)	IC,
	27120977	Habata S et al. BAG3-mediated Mcl-1 stabilization contributes to drug resistance via interaction with USP9X in ovarian cancer. Int J Oncol. 49, 402-10 (2016)	Co-IP,
M192-3S	28933784	Wang S et al. Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. Cell Death Dis. 8, e3058 (2017)	WB,
	29037961	Ueda T et al. GADD45 family proteins suppress JNK signaling by targeting MKK7. Arch Biochem Biophys. 635, 1-7 (2017)	WB,
	29191246	Hamada N et al. KI MUNC18-1 gene abnormalities are involved in neurodevelopmental disorders through defective cortical architecture during brain development. Acta Neuropathol Commun. 5, 92 (2017)	WB,
	28821867	Horibata Y et al. Identification of the N-terminal transmembrane domain of StarD7 and its importance for mitochondrial outer membrane localization and phosphatidylcholine transfer. Sci Rep. 7, 8793 (2017)	WB,IC,
	29093216	Hu L et al. The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. Plant Cell. 29, 3157-31 (2017)	WB,Co-IP,
	24280224	Nomura T et al. Intracellular aggregation of mutant FUS/TLS as a molecular pathomechanism of amyotrophic lateral sclerosis. J Biol Chem. 289, 1192-202 (2014)	IC,
	25671812	Masaki S et al. Identification of the specific interactors of the human lariat RNA debranching enzyme 1 protein. Int J Mol Sci. 16, 3705-21 (2015)	IC,
	27120977	Habata S et al. BAG3-mediated Mcl-1 stabilization contributes to drug resistance via interaction with USP9X in ovarian cancer. Int J Oncol. 49, 402-10 (2016)	Co-IP,

#### ► Anti-Myc-tag mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
M192-7	29093216	Hu L et al. The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. Plant Cell. 29, 3157-31 (2017)	WB,

#### ► c-Myc tagged Protein MILD PURIFICATION KIT Ver.2

产品编号	使用文献PMID	使用文献标题	实验方法
3305	20589759	Nasu J et al. E6AP ubiquitin ligase mediates ubiquitin-dependent degradation of peroxiredoxin 1. J Cell Biochem. 111, 676-85 (2010)	Other
	21339366	Tamura Y et al. Tumor-produced secreted form of binding of immunoglobulin protein elicits antigen-specific tumor immunity. J Immunol. 186, 4325-30 (2011)	Other
	21572046	Li P et al. CmRBP50 protein phosphorylation is essential for assembly of a stable phloem-mobile high-affinity ribonucleoprotein complex. J Biol Chem. 286, 23142-9 (2011)	Other
	22013178	Kawakami Y et al. Anti-MuSK autoantibodies block binding of collagen Q to MuSK. Neurology 77, 1819-26 (2011)	Other
	23455425	Hamasaki M et al. Autophagosomes form at ER-mitochondria contact sites. Nature 495, 389-93 (2013)	Other
	23553736	Nakata T et al. Mutations in the C-terminal domain of ColQ in endplate acetylcholinesterase deficiency compromise ColQ-MuSK interaction. Hum Mutat. 34, 997-1004 (2013)	Other
	23915965	Pereira EO et al. The production and characterization of a new active lipase from Acremonium alcalophilum using a plant bioreactor. Biotechnol Biofuels. 6, 111 (2013)	Other
	24970673	Pereira EO et al. Production and characterization of in planta transiently produced polygalacturanase from Aspergillus niger and its fusions with hydrophobin or ELP tags. BMC Biotechnol. 14, 59 (2014)	Other
	26779243	Miletic S et al. A Plant-Produced Bacteriophage Tailspike Protein for the Control of Salmonella. Front Plant Sci. 6, 1221 (2016)	Other

## ► Epitope tags

### ► Myc

#### ► c-Myc tagged Protein MILD PURIFICATION KIT Ver.2

3305A	20589759	Nasu J et al. E6AP ubiquitin ligase mediates ubiquitin-dependent degradation of peroxiredoxin 1. J Cell Biochem. 111: 676-85. 2010	Other
	23553736	Nakata T et al. Mutations in the C-terminal domain of ColQ in endplate acetylcholinesterase deficiency compromise ColQ-MuSK interaction. Hum Mutat. 34: 997-1004. 2013	Other
	23915965	Pereira EO, et al. The production and characterization of a new active lipase from Acremonium alcalophilum using a plant bioreactor. Biotechnol Biofuels. 6: 111. 2013	Other
	21572046	Li P et al. CmRBP50 protein phosphorylation is essential for assembly of a stable phloem-mobile high-affinity ribonucleoprotein complex. J Biol Chem. 286: 23142-9. 2011	Other
	22013178	Kawakami Y et al. Anti-MuSK autoantibodies block binding of collagen Q to MuSK. Neurology. 77: 1819-26. 2011	Other
	21339366	Tamura Y et al. Tumor-produced secreted form of binding of immunoglobulin protein elicits antigen-specific tumor immunity. J Immunol. 186: 4325-30. 2011	Other

#### ► c-Myc tagged Protein MILD PURIFICATION GEL

产品编号	使用文献PMID	使用文献标题	实验方法
3306	21181432	Hanawa H et al. IL-1 receptor accessory protein-Ig/IL-1 receptor type II-Ig heterodimer inhibits IL-1 response more strongly than other IL-1 blocking biopharmaceutical agents. J Clin Immunol. 31, 455-64 (2011)	Other
	22350883	Burns KE, Darwin KH. Pupylation: proteasomal targeting by a protein modifier in bacteria. Methods Mol Biol. 832, 151-60 (2012)	Other
	23503462	Saito K et al. Coxsackie and adenovirus receptor is a critical regulator for the survival and growth of oral squamous carcinoma cells. Oncogene 33, 1274-86 (2014)	Other
3307	21181432	Hanawa H et al. IL-1 receptor accessory protein-Ig/IL-1 receptor type II-Ig heterodimer inhibits IL-1 response more strongly than other IL-1 blocking biopharmaceutical agents. J Clin Immunol. 31: 455-64. 2011	Other
	22350883	Burns KE, Darwin KH. Pupylation: proteasomal targeting by a protein modifier in bacteria. Methods Mol Biol. 832, 151-60 (2012)	Other
	23503462	Saito K et al. Coxsackie and adenovirus receptor is a critical regulator for the survival and growth of oral squamous carcinoma cells. Oncogene 33, 1274-86 (2014)	Other

### ► V5

#### ► Anti-V5-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M167-3	24553140	Murthy A et al. A Crohn's disease variant in Atg16l1 enhances its degradation by caspase 3. Nature 506, 456-62 (2014)	WB,
	23623389	Kashiyama K et al. Malfunction of nuclease ERCC1-XPF results in diverse clinical manifestations and causes Cockayne syndrome, xeroderma pigmentosum, and Fanconi anemia. Am J Hum Genet. 92, 807-19 (2013)	WB,
	25474029	Jia N et al. A rapid, comprehensive system for assaying DNA repair activity and cytotoxic effects of DNA-damaging reagents. Nat Protoc. 10, 12-24 (2015)	IC,

#### ► Anti-V5-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM003	20139071	Mimura S et al. Cul8/Rtt101 forms a variety of protein complexes that regulate DNA damage response and transcriptional silencing. J Biol Chem. 285, 9858-67 (2010)	WB,
	14715694	Grønlund MH, Goetzl EJ. The immunosuppressant FTY720 down-regulates sphingosine 1-phosphate G-protein-coupled receptors. FASEB J. 18, 551-3 (2004)	WB,
	22534020	Maekawa T et al. The I2020T Leucine-rich repeat kinase 2 transgenic mouse exhibits impaired locomotive ability accompanied by dopaminergic neuron abnormalities. Mol Neurodegener. 7, 15 (2012)	WB,IF,
	25311841	Chen X et al. Coronavirus membrane-associated papain-like proteases induce autophagy through interacting with Beclin1 to negatively regulate antiviral innate immunity. Protein Cell. 5, 912-27 (2014)	WB,IF,
	17101776	Nadanaka S et al. Role of disulfide bridges formed in the luminal domain of ATF6 in sensing endoplasmic reticulum stress. Mol Cell Biol. 27, 1027-43 (2007)	WB,IF,

## ► Epitope tags

### ► V5

#### ► Anti-V5-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM003	21356198	Joo JY et al. Differential interactions of cerebellin precursor protein (Cbln) subtypes and neurexin variants for synapse formation of cortical neurons. <i>Biochem Biophys Res Commun.</i> 406, 627-32 (2011)	IP,
	15514005	Maeda T et al. Transforming property of TEL-FGFR3 mediated through PI3-K in a T-cell lymphoma that subsequently progressed to AML. <i>Blood.</i> 105, 2115-23 (2005)	IP,
	23658229	Sugiyama T et al. Red5 and three nuclear pore components are essential for efficient suppression of specific mRNAs during vegetative growth of fission yeast. <i>Nucleic Acids Res.</i> 41, 6674-86 (2013)	IP,
	22093699	Benoki S et al. Transactivation of ABCG2 through a novel cis-element in the distal promoter by constitutive androstane receptor but not pregnane X receptor in human hepatocytes. <i>Arch Biochem Biophys.</i> 517, 123-30 (2012)	ChIP,
	19682433	Yoshinari K et al. Constitutive androstane receptor transcriptionally activates human CYP1A1 and CYP1A2 genes through a common regulatory element in the 5'-flanking region. <i>Biochem Pharmacol.</i> 79, 261-9 (2010)	ChIP,

#### ► Anti-V5-tag pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
PM003-7	23840565	Takagi S et al. RNP2 of RNA recognition motif 1 plays a central role in the aberrant modification of TDP-43. <i>PLoS One.</i> 8, e66966 (2013)	WB,
	22752848	Matsuse M et al. Functional characterization of the novel BRAF complex mutation, BRAF(V600delinsYM), identified in papillary thyroid carcinoma. <i>Int J Cancer.</i> 132, 738-43 (2013)	WB,
	28258224	Maki K et al. Transglutaminase-catalyzed incorporation of polyamines masks the DNA-binding region of the transcription factor Relish. <i>J Biol Chem.</i> 292, 6369-6380 (2017)	WB,
	28476891	Shibata T et al. Drosophila TG-A transglutaminase is secreted via an unconventional Golgi-independent mechanism involving exosomes and two types of fatty acylations. <i>J Biol Chem.</i> 292, 10723-10734 (2017)	WB,

### ► mini-AID

#### ► Anti-mini-AID-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M214-3	27052166	Natsume T et al. Rapid Protein Depletion in Human Cells by Auxin-Inducible Degron Tagging with Short Homology Donors. <i>Cell Rep.</i> 15, 210-8 (2016)	WB,

### ► GFP

#### ► Anti-GFP (Green Fluorescent Protein) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
598 * 使用文献超过500篇	19735482	Kojima K et al. Associations between PIWI proteins and TDRD1/MTR-1 are critical for integrated subcellular localization in murine male germ cells. <i>Genes Cells.</i> 14, 1155-65 (2009)	WB,
	21521793	Maiuolo J et al. Selective activation of the transcription factor ATF6 mediates endoplasmic reticulum proliferation triggered by a membrane protein. <i>PNAS.</i> 108, 7832-7 (2011)	WB,
	21750187	Watanabe H et al. Mouse sperm undergo GPI-anchored protein release associated with lipid raft reorganization and acrosome reaction to acquire fertility. <i>J Cell Sci.</i> 124, 2573-81 (2011)	WB,
	23430747	Nakayama H et al. Human antigen R-mediated mRNA stabilization is required for ultraviolet B-induced autoinduction of amphiregulin in keratinocytes. <i>J Biol Chem.</i> 288, 10338-48 (2013)	WB,
	23602096	Suzuki T et al. Development and disintegration of tapetum-specific lipid-accumulating organelles, elaioplasts and tapetosomes, in <i>Arabidopsis thaliana</i> and <i>Brassica napus</i> . <i>Plant Sci.</i> 207, 25-36 (2013)	WB,
	23799018	Kawahara H et al. Tumor endothelial cell-specific drug delivery system using apelin-conjugated liposomes. <i>PLoS One.</i> 8, e65499 (2013)	WB,
	23836649	Lee H et al. Zinc-finger antiviral protein mediates retinoic acid inducible gene I-like receptor-independent antiviral response to murine leukemia virus. <i>PNAS.</i> 110, 12379-84 (2013)	WB,

## ► Epitope tags

### ► GFP

### ► Anti-GFP (Green Fluorescent Protein) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
598 * 使用文献超过500篇	20534674	Suzuki M et al. MID1 and MID2 are required for <i>Xenopus</i> neural tube closure through the regulation of microtubule organization. <i>Development</i> . 137, 2329-39 (2010)	IP,IH,
	21098284	Jeyasekharan AD et al. DNA damage regulates the mobility of Brca2 within the nucleoplasm of living cells. <i>PNAS</i> . 107, 21937-42 (2010)	IC,
	21310715	Werner M et al. 2'-O-ribose methylation of cap2 in human: function and evolution in a horizontally mobile family. <i>Nucleic Acids Res</i> . 39, 4756-68 (2011)	IC,
	21828050	Kigoshi Y et al. Ubiquitin ligase activity of Cul3-KLHL7 protein is attenuated by autosomal dominant retinitis pigmentosa causative mutation. <i>J Biol Chem</i> . 286, 33613-21 (2011)	IC,
	23172225	Yun J et al. Neuronal Per Arnt Sim (PAS) domain protein 4 (NPAS4) regulates neurite outgrowth and phosphorylation of synapsin I. <i>J Biol Chem</i> . 288, 2655-64 (2013)	IC,
	26738979	Arimoto-Matsuzaki K et al. MyD88 NEDDylation negatively regulates MyD88-dependent NF- $\kappa$ B signaling through antagonizing its ubiquitination. <i>Nat Commun</i> . 7, 10252 (2016)	IC,
	28384198	Oguchi ME et al. TBC1D12 is a novel Rab11-binding protein that modulates neurite outgrowth of PC12 cells. <i>PLoS One</i> . 12, e017488 (2017)	IC,
	28842217	Tomoshige S et al. Cytoskeleton-related regulation of primary cilia shortening mediated by melanin-concentrating hormone receptor 1. <i>Gen Comp Endocrinol</i> . 253, 44-52 (2017)	IC,
	28787032	Kader MA et al. Molecular basis of the microtubule-regulating activity of microtubule crosslinking factor 1. <i>PLoS One</i> 12, e0182641 (2017)	IC,
	29032201	Kim J et al. KLHL7 promotes TUT1 ubiquitination associated with nucleolar integrity: Implications for retinitis pigmentosa. <i>Biochem Biophys Res Commun</i> . 494, 220-226 (2017)	IC,
	29192272	Slomnicki LP et al. Ribosomal stress and Tp53-mediated neuronal apoptosis in response to capsid protein of the Zika virus. <i>Sci Rep</i> . 7, 16652 (2017)	IC,
	21173230	Miyatsuka T et al. Neurogenin3 inhibits proliferation in endocrine progenitors by inducing Cdkn1a. <i>PNAS</i> . 108, 185-90 (2011)	IH,
	21220455	London A et al. Neuroprotection and progenitor cell renewal in the injured adult murine retina requires healing monocyte-derived macrophages. <i>J Exp Med</i> . 208, 23-39 (2011)	IH,
	21505195	Yokomizo T et al. Three-dimensional imaging of whole midgestation murine embryos shows an intravascular localization for all hematopoietic clusters. <i>Blood</i> 117, 6132-4 (2011)	IH,
	21632933	Wang Y et al. Girdin is an intrinsic regulator of neuroblast chain migration in the rostral migratory stream of the postnatal brain. <i>J Neurosci</i> . 31, 8109-22 (2011)	IH,
	21697392	Sekine K et al. The outermost region of the developing cortical plate is crucial for both the switch of the radial migration mode and the Dab1-dependent "inside-out" lamination in the neocortex. <i>J Neurosci</i> . 31, 9426-39 (2011)	IH,
	23318420	Guo L et al. Stat3-coordinated Lin-28-let-7-HMGA2 and miR-200-ZEB1 circuits initiate and maintain oncostatin M-driven epithelial-mesenchymal transition. <i>Oncogene</i> 32, 5272-82 (2013)	IH,
	28569783	Kaneko A et al. Damage-induced neuronal endopeptidase (DINE) enhances axonal regeneration potential of retinal ganglion cells after optic nerve injury. <i>Cell Death Dis</i> . 8, e2847 (2017)	IH,
	28854359	Takara K et al. Lysophosphatidic Acid Receptor 4 Activation Augments Drug Delivery in Tumors by Tightening Endothelial Cell-Cell Contact. <i>Cell Rep</i> . 20, 2072-2086 (2017)	IH,
	28779160	Yamasaki T et al. Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. <i>Sci Rep</i> . 7, 7348 (2017)	IH,
	28919417	Miura Y, Kanaho Y. ACAP3, the GTPase-activating protein specific to the small GTPase Arf6, regulates neuronal migration in the developing cerebral cortex. <i>Biochem Biophys Res Commun</i> . 493, 1089-1094 (2017)	IH,
	28928404	Matsuda K et al. Granule cells control recovery from classical conditioned fear responses in the zebrafish cerebellum. <i>Sci Rep</i> . 7, 11865 (2017)	IH,
	28959042	Deczkowska A et al. Mef2C restrains microglial inflammatory response and is lost in brain ageing in an IFN-I-dependent manner. <i>Nat Commun</i> . 8, 717 (2017)	IH,
	28964572	Morito N et al. Transcription factor MafB may play an important role in secondary hyperparathyroidism. <i>Kidney Int</i> . 93, 54-68 (2017)	IH,
	29034317	Hasegawa Y et al. Luciferase shRNA Presents off-Target Effects on Voltage-Gated Ion Channels in Mouse Hippocampal Pyramidal Neurons. <i>eNeuro</i> . 4, e0186-17.2017 1&ndash;16 (2017)	IH,
	29059311	Mori T et al. SOX10 Expression as Well as BRAF and GNAQ/11 Mutations Distinguish Pigmented Ciliary Epithelium Neoplasms From Uveal Melanomas. <i>Invest Ophthalmol Vis Sci</i> . 58, 5445-5451 (2017)	IH,

## ► Epitope tags

### ► GFP

#### ► Anti-GFP (Green Fluorescent Protein) pAb

598 * 使用文献超过500篇	20345601	Fukazawa J et al. The transcription factor RSG regulates negative feedback of NtGA20ox1 encoding GA 20-oxidase. Plant J. 62, 1035-45 (2010)	ChIP,
	21949375	Nori S et al. Grafted human-induced pluripotent stem-cell&ndash;derived neurospheres promote motor functional recovery after spinal cord injury in mice. PNAS 108, 16825-30 (2011)	Other
	28771534	Suzuki H et al. Neural stem cell mediated recovery is enhanced by Chondroitinase ABC pretreatment in chronic cervical spinal cord injury. PLoS One 12, e0182339 (2017)	Other

#### ► Anti-GFP pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
598-7	23840565	Takagi S et al. RNP2 of RNA recognition motif 1 plays a central role in the aberrant modification of TDP-43. PLoS One. 8, e66966 (2013)	WB,
	26272249	Lin Q et al. The SnRK2-APC/C(TE) regulatory module mediates the antagonistic action of gibberellic acid and abscisic acid pathways. Nat Commun. 6, 7981 (2015)	WB,
	27578797	Otani T et al. IKK&epsilon; inhibits PKC to promote Fascin-dependent actin bundling. Development 143, 3806-3816 (2016)	WB,
	27707755	Ueyama T et al. Constitutive activation of DIA1 (DIAPH1) via C-terminal truncation causes human sensorineural hearing loss. EMBO Mol Med. 8, 1310-1324 (2016)	WB,
	28369861	Takayama Y et al. Dissection of ubiquitinated protein degradation by basal autophagy. FEBS Lett. 591, 1199-1211 (2017)	WB,
	28384198	Oguchi ME et al. TBC1D12 is a novel Rab11-binding protein that modulates neurite outgrowth of PC12 cells. PLoS One. 12, e0174883 (2017)	WB,
	28588310	Kato F et al. The development of fluorescent protein tracing vectors for multicolor imaging of clinically isolated Staphylococcus aureus. Sci Rep. 7, 2865 (2017)	WB,

#### ► Anti-GFP (Green Fluorescent Protein) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D153-3	26743940	Zhou H et al. Cep57 is a Mis12-interacting kinetochore protein involved in kinetochore targeting of Mad1-Mad2. Nat Commun. 7, 10151 (2016)	WB,IP,
	15502821	Obuse C et al. A conserved Mis12 centromere complex is linked to heterochromatic HP1 and outer kinetochore protein Zwint-1. Nat Cell Biol. 6, 1135-41 (2004)	IP,
	18936252	Sakurai T et al. Membrane microdomain switching: a regulatory mechanism of amyloid precursor protein processing. J Cell Biol. 183, 339-52 (2008)	IP,
	23658229	Sugiyama T et al. Red5 and three nuclear pore components are essential for efficient suppression of specific mRNAs during vegetative growth of fission yeast. Nucleic Acids Res. 41, 6674-86 (2013)	IP,
	23434115	Kunishima S et al. ACTN1 mutations cause congenital macrothrombocytopenia. Am J Hum Genet. 92, 431-8 (2013)	IC,
	25420147	Matsuoka S et al. gone early, a novel germline factor, ensures the proper size of the stem cell precursor pool in the Drosophila ovary. PLoS One. 9, e113423 (2014)	IH,
	22801428	Qi Q et al. Involvement of the N-terminal B-box domain of Arabidopsis BBX32 protein in interaction with soybean BBX62 protein. J Biol Chem. 287, 31482-93 (2012)	Other

#### ► Anti-GFP (Green Fluorescent Protein) mAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
D153-8	16720649	Hayakawa T et al. ACT domain repeat protein 7, ACR7, interacts with a chaperone HSP18.0-CII in rice nuclei. Plant Cell Physiol. 47, 891-904 (2006)	IP,
	21693510	Shirae-Kurabayashi M et al. Ci-Pem-1 localizes to the nucleus and represses somatic gene transcription in the germline of Ciona intestinalis embryos. Development 138, 2871-81 (2011)	IP,
	21832065	Zhong Y et al. Importin beta interacts with the endoplasmic reticulum-associated degradation machinery and promotes ubiquitination and degradation of mutant alpha1-antitrypsin. J Biol Chem. 286, 33921-30 (2011)	IP,
	21880729	Cai L et al. Regulation of fertility, survival, and cuticle collagen function by the Caenorhabditis elegans eaf-1 and ell-1 genes. J Biol Chem. 286, 35915-21 (2011)	IP,
	21990941	Roberts D et al. Modulation of phototropic responsiveness in Arabidopsis through ubiquitination of phototropin 1 by the CUL3-Ring E3 ubiquitin ligase CRL3(NPH3). Plant Cell 23, 3627-40 (2011)	IP,

## ► Epitope tags

### ► GFP

### ► Anti-GFP (Green Fluorescent Protein) mAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
D153-8	23255601	Henderson MJ et al. Mesencephalic astrocyte-derived neurotrophic factor (MANF) secretion and cell surface binding are modulated by KDEL receptors. J Biol Chem. 288, 4209-25 (2013)	IP,
	23460737	Paster W et al. GRB2-mediated recruitment of THEMIS to LAT is essential for thymocyte development. J Immunol. 190, 3749-56 (2013)	IP,
	23826228	He M et al. Systematic Analysis of the Functions of Lysine Acetylation in the Regulation of Tat Activity. PLoS One 8, e67186 (2013)	IP,
	25567983	Tomida J et al. REV7 is essential for DNA damage tolerance via two REV3L binding sites in mammalian DNA polymerase $\epsilon$ . Nucleic Acids Res. 43, 1000-11 (2015)	IP,
	25834051	Underhill SM et al. Differential regulation of two isoforms of the glial glutamate transporter EAAT2 by DLG1 and CaMKII. J Neurosci. 35, 5260-70 (2015)	IP,
	25847540	Okatsu K et al. Phosphorylated ubiquitin chain is the genuine Parkin receptor. J Cell Biol. 209, 111-28 (2015)	IP,
	26214367	Hodder AN et al. Structural basis for plasmepsin V inhibition that blocks export of malaria proteins to human erythrocytes. Nat Struct Mol Biol. 22, 590-6 (2015)	IP,
	26371515	Wang D et al. Splicing Factor Prp8 Interacts With NES(AR) and Regulates Androgen Receptor in Prostate Cancer Cells. Mol Endocrinol. 29, 1731-42 (2015)	IP,
	26381410	Tatavosian R et al. Distinct Cellular Assembly Stoichiometry of Polycomb Complexes on Chromatin Revealed by Single-molecule Chromatin Immunoprecipitation Imaging. J Biol Chem. 290, 28038-54 (2015)	IP,
	26832821	Boddey JA et al. Export of malaria proteins requires co-translational processing of the PEXEL motif independent of phosphatidylinositol-3-phosphate binding. Nat Commun. 7, 10470 (2016)	IP,
	26920220	Nadarajan S et al. The MAP kinase pathway coordinates crossover designation with disassembly of synaptonemal complex proteins during meiosis. Elife. 5, e12039 (2016)	IP,
	28645154	Brown KC et al. ALG-5 is a miRNA-associated Argonaute required for proper developmental timing in the Caenorhabditis elegans germline. Nucleic Acids Res. 45, 9093-9107 (2017)	IP,
	28719581	Niida H et al. Phosphorylated HBO1 at UV irradiated sites is essential for nucleotide excision repair. Nat Commun. 8, 16102 (2017)	IP,
	29084947	Lüning et al. Plekhg5-regulated autophagy of synaptic vesicles reveals a pathogenic mechanism in motoneuron disease. Nat Commun. 8, 678 (2017)	IP,
	22006334	Sasabe M et al. Phosphorylation of a mitotic kinesin-like protein and a MAPKKK by cyclin-dependent kinases (CDKs) is involved in the transition to cytokinesis in plants. PNAS 108, 17844-9 (2011)	Co-IP,
	22027834	Fukumoto Y et al. Role of scaffold protein afadin dilute domain-interacting protein (ADIP) in platelet-derived growth factor-induced cell movement by activating Rac protein through Vav2 protein. J Biol Chem. 286, 43537-48 (2011)	Co-IP,
	22147290	Aung K, Hu J. The Arabidopsis tail-anchored protein PEROXISOMAL AND MITOCHONDRIAL DIVISION FACTOR1 is involved in the morphogenesis and proliferation of peroxisomes and mitochondria. Plant Cell 23, 4446-61 (2011)	Co-IP,
	22167059	Heyman J et al. Arabidopsis ULTRAVIOLET-B-INSENSITIVE4 maintains cell division activity by temporal inhibition of the anaphase-promoting complex/cyclosome. Plant Cell 23, 4394-410 (2011)	Co-IP,
	23886622	Liu Q et al. Complementation of Hyponastic Leaves1 by Double-strand RNA Binding Domains of Dicer-like 1 in Nuclear Dicing Bodies. Plant Physiol. 163, 108-17 (2013)	Co-IP,
	28558040	Liu J et al. MicroRNA319-regulated TCPs interact with FBHs and PFT1 to activate CO transcription and control flowering time in Arabidopsis. PLoS Genet. 13, e1006833 (2017)	Co-IP,
	28736168	Dong J et al. Light-Dependent Degradation of PIF3 by SCFEBF1/2 Promotes a Photomorphogenic Response in Arabidopsis. Curr Biol. 27, 2420-2430.e6 (2017)	Co-IP,
	28809396	Song X et al. IPA1 functions as a downstream transcription factor repressed by D53 in strigolactone signaling in rice. Cell Res. 27, 1128-1141 (2017)	Co-IP,
	28939483	Wang S et al. MKK4 from Litopenaeus vannamei is a regulator of p38 MAPK kinase and involved in anti-bacterial response. Dev Comp Immunol. 78, 61-70 (2018)	Co-IP,
	16618814	Darzacq X et al. Stepwise RNP assembly at the site of H/ACA RNA transcription in human cells. J Cell Biol. 173, 207-18 (2006)	ChIP,
	23616927	Celesnik H et al. Arabidopsis thaliana VOZ (Vascular plant One-Zinc finger) transcription factors are required for proper regulation of flowering time. Biol Open. 2, 424-31 (2013)	ChIP,
	21610029	Tanaka T et al. Drosophila Mon2 couples Oskar-induced endocytosis with actin remodeling for cortical anchorage of the germ plasm. Development 138, 2523-32 (2011)	Other



## ► Epitope tags

### ► GFP

#### ► Anti-GFP (Green Fluorescent Protein) mAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
D153-8	23204472	Yen YT et al. Differential localization of the streptococcal accessory sec components and implications for substrate export. J Bacteriol. 195, 682-95 (2013)	Other
	23831231	Choi HI et al. Peroxiredoxin V selectively regulates IL-6 production by modulating the Jak2-Stat5 pathway. Free Radic Biol Med. 65C, 270-9 (2013)	Other
	29125873	Yahara M et al. U6 snRNA expression prevents toxicity in TDP-43-knockdown cells. PLoS One. 12, e0187813 (2017)	Other

#### ► Anti-GFP mAb-Magnetic Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
D153-10	28111287	Yasuda S et al. Arabidopsis CBL-Interacting Protein Kinases Regulate Carbon/Nitrogen-Nutrient Response by Phosphorylating Ubiquitin Ligase ATL31. Mol Plant. 10, 605-618 (2017)	Co-IP,

#### ► Anti-GFP (Green Fluorescent Protein) mAb-Magnetic Beads

产品编号	使用文献PMID	使用文献标题	实验方法
D153-11	27986866	Wang Y et al. Extra-large G proteins interact with E3 ligases PUB4 and PUB2 and function in cytokinin and developmental processes. Plant Physiol. 173, 1235-1246 (2016)	IP,
	28361052	Amara CS et al. CaMKII Signaling Stimulates Mef2c Activity In Vitro but Only Minimally Affects Murine Long Bone Development in vivo. Front Cell Dev Biol. 5, 20 (2017)	IP,
	28690153	Aoyama S et al. Membrane-localized ubiquitin ligase ATL15 functions in sugar-responsive growth regulation in Arabidopsis. Biochem Biophys Res Commun. 491, 33-39 (2017)	IP,
	29097183	Jessen TN, Jessen JR. VANG2 interacts with integrin $\alpha$ 5 $\beta$ 1 to regulate matrix metalloproteinase activity and cell adhesion to the extracellular matrix. Exp Cell Res. 361, 265-276 (2017)	IP,
	28291789	Sommer G et al. Applying a high-throughput fluorescence polarization assay for the discovery of chemical probes blocking La:RNA interactions in vitro and in cells. PLoS One. 12, e0173246 (2017)	RIP,

#### ► Anti-GFP (Green Fluorescent Protein) mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
D153-A48	28497562	Kitamura A et al. Different aggregation states of a nuclear localization signal-tagged 25-kDa C-terminal fragment of TAR RNA/DNA-binding protein 43 kDa. Genes Cells. 22, 521-534 (2017)	Other

#### ► Anti-GFP (Green Fluorescent Protein) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M048-3	18081866	Abe Y et al. Mammalian Gup1, a homolog of Saccharomyces cerevisiae glycerol uptake/transporter 1, acts as a negative regulator for N-terminal palmitoylation of Sonic hedgehog. FEBS J. 275, 318-31 (2008)	WB,
	19351925	Komuro A et al. Diffuse-type gastric carcinoma: progression, angiogenesis, and transforming growth factor beta signaling. J Natl Cancer Inst. 101, 592-604 (2009)	WB,
	18022694	Takahata M et al. Ro52 functionally interacts with IgG1 and regulates its quality control via the ERAD system. Mol Immunol. 45, 2045-54 (2008)	WB,
	12050160	Masuda M et al. The tumor suppressor protein TSLC1 is involved in cell-cell adhesion. J Biol Chem. 277, 31014-9 (2002)	WB,
	12388748	Nakamichi I et al. Formation of Mallory body-like inclusions and cell death induced by deregulated expression of keratin 18. Mol Biol Cell 13, 3441-51 (2002)	WB,
	12660240	Song Z et al. Direct interaction between survivin and Smac/DIABLO is essential for the anti-apoptotic activity of survivin during taxol-induced apoptosis. J Biol Chem. 278, 23130-40 (2003)	WB,
	14623897	Iwai S et al. A novel actin-bundling kinesin-related protein from Dictyostelium discoideum. J Biol Chem. 279, 4696-704 (2004)	WB,
	14742432	Pottekat A, Menon AK. Subcellular localization and targeting of N-acetylglucosaminyl phosphatidylinositol de-N-acetylase, the second enzyme in the glycosylphosphatidylinositol biosynthetic pathway. J Biol Chem. 279, 15743-51 (2004)	WB,

## ► Epitope tags

### ► GFP

### ► Anti-GFP (Green Fluorescent Protein) mAb

M048-3	14761972	Hisatsune C et al. Regulation of TRPC6 channel activity by tyrosine phosphorylation. J Biol Chem. 279, 18887-94 (2004)	WB,
	15013951	Kontogianni-Konstantopoulos A et al. Obscurin regulates the organization of myosin into A bands. Am J Physiol Cell Physiol. 287, C209-17 (2004)	WB,
	15723830	Hanamoto T et al. Identification of protein kinase A catalytic subunit beta as a novel binding partner of p73 and regulation of p73 function. J Biol Chem. 280, 16665-75 (2005)	WB,
	16966388	Reversi A et al. Effects of cholesterol manipulation on the signaling of the human oxytocin receptor. Am J Physiol Regul Integr Comp Physiol. 291, R861-9 (2006)	WB,
	17210579	Takeda K et al. Apoptosis signal-regulating kinase (ASK) 2 functions as a mitogen-activated protein kinase kinase kinase in a heteromeric complex with ASK1. J Biol Chem. 282, 7522-31 (2007)	WB,
	14623875	de Graaf K et al. Characterization of cyclin L2, a novel cyclin with an arginine/serine-rich domain: phosphorylation by DYRK1A and colocalization with splicing factors. J Biol Chem. 279, 4612-24 (2004)	WB,IP,
	14676203	Lozupone F et al. Identification and relevance of the CD95-binding domain in the N-terminal region of ezrin. J Biol Chem. 279, 9199-207 (2004)	WB,IP,
	25246273	Lebel-Haziv Y et al. Breast cancer: coordinated regulation of CCL2 secretion by intracellular glycosaminoglycans and chemokine motifs. Neoplasia 16, 723-40 (2014)	WB,IP,
	25860027	Zhang B et al. GSK3 $\beta$ -Dzip1-Rab8 cascade regulates ciliogenesis after mitosis. PLoS Biol. 13, e1002129 (2015)	WB,IP,
	20592207	Asada N, Sanada K. LKB1-mediated spatial control of GSK3 $\beta$ and adenomatous polyposis coli contributes to centrosomal forward movement and neuronal migration in the developing neocortex. J Neurosci. 30, 8852-65 (2010)	IP,
	19546234	Kiriyama M et al. Interaction of FLASH with arsenite resistance protein 2 is involved in cell cycle progression at S phase. Mol Cell Biol. 29, 4729-41 (2009)	IP,
	19735482	Kojima K et al. Associations between PIWI proteins and TDRD1/MTR-1 are critical for integrated subcellular localization in murine male germ cells. Genes Cells 14, 1155-65 (2009)	IP,
	19235924	Federici C et al. Pleiotropic function of ezrin in human metastatic melanomas. Int J Cancer. 124, 2804-12 (2009)	IP,
	12242289	Ozoe F et al. The 14-3-3 proteins Rad24 and Rad25 negatively regulate Byr2 by affecting its localization in Schizosaccharomyces pombe. Mol Cell Biol. 22, 7105-19 (2002)	IP,
	29127012	Watanabe N et al. Dystonia-4 (DYT4)-associated TUBB4A mutants exhibit disorganized microtubule networks and inhibit neuronal process growth. Biochem Biophys Res Commun. 495, 346-352 (2018)	IP,
	20064393	Banerjee S et al. A coordinated local translational control point at the synapse involving relief from silencing and MOV10 degradation. Neuron. 64, 871-84 (2009)	IP,IC,
	20298674	Asano Y et al. DRR1 is expressed in the developing nervous system and downregulated during neuroblastoma carcinogenesis. Biochem Biophys Res Commun. 394, 829-35 (2010)	IC,
	12095988	Ko HS et al. Role of ubiquitin associated with protein-disulfide isomerase in the endoplasmic reticulum in stress-induced apoptotic cell death. J Biol Chem. 277, 35386-92 (2002)	IC,
	15210732	Broday L et al. The LIM domain protein UNC-95 is required for the assembly of muscle attachment structures and is regulated by the RING finger protein RNF-5 in C. elegans. J Cell Biol. 165, 857-67 (2004)	IH,
	23884927	Sugawara T et al. Type 1 inositol trisphosphate receptor regulates cerebellar circuits by maintaining the spine morphology of purkinje cells in adult mice. J Neurosci. 33, 12186-96 (2013)	IH,
	27922002	Katsushima K et al. Targeting the Notch-regulated non-coding RNA TUG1 for glioma treatment. Nat Commun. 7, 13616 (2016)	IH,
	28317906	Shainer I et al. Novel hypophysiotropic AgRP2 neurons and pineal cells revealed by BAC transgenesis in zebrafish. Sci Rep. 7, 44777 (2017)	IH,
	26581759	Sun J et al. Histone H1-mediated epigenetic regulation controls germline stem cell self-renewal by modulating H4K16 acetylation. Nat Commun. 6, 8856 (2015)	IF,

## ► Epitope tags

### ► RFP

#### ► Anti-RFP mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M155-3	23385584	Matti U et al. Synaptobrevin2 is the v-SNARE required for cytotoxic T-lymphocyte lytic granule fusion. Nat Commun. 4, 1439 (2013)	WB,
	21179188	Bresciani E et al. Zebrafish numb and numlike are involved in primitive erythrocyte differentiation. PLoS One 5, e14296 (2010)	IH,
	22357957	Chen Q et al. Loss of Porcupine impairs convergent extension during gastrulation in zebrafish. J Cell Sci. 125, 2224-34 (2012)	IH,
	22378637	Morita H et al. Cell movements of the deep layer of non-neural ectoderm underlie complete neural tube closure in Xenopus. Development 139, 1417-26 (2012)	IH,
M165-3	20534812	Yamamoto H et al. Functional cross-talk between Rab14 and Rab4 through a dual effector, RUFY1/Rabip4. Mol Biol Cell. 21, 2746-55 (2010)	IP,
	28900156	Zhao Q et al. Dual Roles of Two Isoforms of Autophagy-related Gene ATG10 in HCV-Subgenomic replicon Mediated Autophagy Flux and Innate Immunity. Sci Rep. 7, 11250 (2017)	IP,
	21994453	Taguwa S et al. Dysfunction of autophagy participates in vacuole formation and cell death in cells replicating hepatitis C virus. J Virol. 85, 13185-94 (2011)	IC,
	26655377	Fujimoto I et al. Necdin controls EGFR signaling linked to astrocyte differentiation in primary cortical progenitor cells. Cell Signal. 28, 94-107 (2016)	IC,

#### ► Anti-RFP mAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
M165-8	21734045	Kato A et al., Herpes simplex virus 1 protein kinase Us3 and major tegument protein UL47 reciprocally regulate their subcellular localization in infected cells. J Virol. 85:9599-613. 2011	IP,

#### ► Anti-RFP mAb Cocktail

产品编号	使用文献PMID	使用文献标题	实验方法
M208-3	25937119	Fuse A et al. VPS29-VPS35 intermediate of retromer is stable and may be involved in the retromer complex assembly process. FEBS Lett. 589, 1430-6 (2015)	WB,

#### ► Anti-RFP pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM005	19357194	Ishida Y et al. Autophagic elimination of misfolded procollagen aggregates in the endoplasmic reticulum as a means of cell protection. Mol Biol Cell. 20, 2744-54 (2009)	WB,
	20534812	Yamamoto H et al. Functional cross-talk between Rab14 and Rab4 through a dual effector, RUFY1/Rabip4. Mol Biol Cell. 21, 2746-55 (2010)	WB,
	22344254	Valbuena N et al. The Vam6 and Gtr1-Gtr2 pathway activates TORC1 in response to amino acids in fission yeast. J Cell Sci. 125, 1920-8 (2012)	WB,
	28077622	Funabashi T et al. Ciliary entry of KIF17 is dependent on its binding to the IFT-B complex via IFT46-IFT56 as well as on its nuclear localization signal. Mol Biol Cell. 28, 624-63 (2017)	WB,
	21037589	Kennedy MJ et al. Rapid blue-light-mediated induction of protein interactions in living cells. Nat Methods. 7, 973-5 (2010)	IC,
	26738979	Arimoto-Matsuzaki K et al. TIA1 oxidation inhibits stress granule assembly and sensitizes cells to stress-induced apoptosis. Nat Commun. 7, 10252 (2016)	IC,
	20008127	Humphreys BD et al. Fate tracing reveals the pericyte and not epithelial origin of myofibroblasts in kidney fibrosis. Am J Pathol. 176, 85-97 (2010)	IH,
	20368445	Skora AD, Spradling AC. Epigenetic stability increases extensively during Drosophila follicle stem cell differentiation. PNAS 107, 7389-94 (2010)	IH,
	20534674	Suzuki M et al. MID1 and MID2 are required for Xenopus neural tube closure through the regulation of microtubule organization. Development. 137, 2329-39 (2010)	IH,
	20553709	Okumura T et al. Left-right asymmetric morphogenesis of the anterior midgut depends on the activation of a non-muscle myosin II in Drosophila. Dev Biol. 344, 693-706 (2010)	IH,
	21331036	Williams SE et al. Asymmetric cell divisions promote Notch-dependent epidermal differentiation. Nature. 470, 353-8 (2011)	IH,
	22158104	Letzkus JJ et al. A disinhibitory microcircuit for associative fear learning in the auditory cortex. Nature. 480, 331-5 (2011)	IH,
	22437963	Nakazawa N et al. A novel Cre/loxP system for mosaic gene expression in the Drosophila embryo. Dev Dyn. 241, 965-74 (2012)	IH,

## ► Epitope tags

### ► GFP

### ► Anti-RFP pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM005	23044338	Daadi MM et al. Imaging neural stem cell graft-induced structural repair in stroke. Cell Transplant. 22, 881-92 (2013)	IH,
	23293299	Chen AE et al. Functional evaluation of ES cell-derived endodermal populations reveals differences between Nodal and Activin A-guided differentiation. Development. 140, 675-86 (2013)	IH,
	27064487	Nagao M et al. Zbtb20 promotes astrocytogenesis during neocortical development. Nat Commun. 7, 11102 (2016)	IH,
	27167157	Wang N et al. Regulation of Prostate Development and Benign Prostatic Hyperplasia by Autocrine Cholinergic Signaling via Maintaining the Epithelial Progenitor Cells in Proliferating Status. Stem Cell Reports. 6, 668-678 (2016)	IH,
	27231142	Tuschl K et al. Mutations in SLC39A14 disrupt manganese homeostasis and cause childhood-onset parkinsonism-dystonia. Nat Commun. 7, 11601 (2016)	IH,
	27273160	Spir&oacute; Z et al. Transcriptional enhancement of Smn levels in motoneurons is crucial for proper axon morphology in zebrafish. Sci Rep. 6, 27470 (2016)	IH,
	28287088	Fujii M et al. Sfrp5 identifies murine cardiac progenitors for all myocardial structures except for the right ventricle. Nat Commun. 8, 14664 (2017)	IH,
	28317878	Woodard LE et al. Kidney-specific transposon-mediated gene transfer in vivo. Sci Rep. 7, 44904 (2017)	IH,
	28317906	Shainer I et al. Novel hypophysiotropic AgRP2 neurons and pineal cells revealed by BAC transgenesis in zebrafish. Sci Rep. 7, 44777 (2017)	IH,

### ► Anti-RFP pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
PM005-7	21331036	Williams SE et al., Asymmetric cell divisions promote Notch-dependent epidermal differentiation. Nature. 470:353-8.2011	WB,

### ► S-tag

### ► Anti-S-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM021	23041461	Ogawa D et al. Molecular characterization of the rice protein RSS1 required for meristematic activity under stressful conditions. Plant Physiol. Biochem. 61, 54-60 (2012)	WB,

### ► T7-tag

### ► Anti-T7-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM022	21705469	Sato M et al. Identification of Fyn as the binding partner for the WASP N-terminal domain in T cells. Int Immunol. 23, 493-502 (2011)	WB,
	23383144	Sato A et al. WNK signaling is involved in neural development via Lhx8/Awh expression. PLoS One. 8, e55301 (2013)	WB,
	23579274	Burton TR et al. BNIP3 acts as transcriptional repressor of death receptor-5 expression and prevents TRAIL-induced cell death in gliomas. Cell Death Dis. 4, e587 (2013)	WB,
	27098453	Goto T et al. WDR26 is a new partner of Axin1 in the canonical Wnt signaling pathway. FEBS Lett. 590, 1291-303 (2016)	WB,
	27960034	Ibata M et al. Leukemogenic kinase FIP1L1-PDGFRα and a small ubiquitin-like modifier E3 ligase, PIAS1, form a positive cross-talk through their enzymatic activities. Cancer Sci. 108, 200-207 (2017)	WB,
	18434325	Ichiyama K et al. Foxp3 inhibits RORγ-mediated IL-17A mRNA transcription through direct interaction with RORγ. J Biol Chem. 283, 17003-8 (2008)	ChIP,
	23506421	Ishizawa T et al. TRAP display: a high-speed selection method for the generation of functional polypeptides. J Am Chem Soc. 135, 5433-40 (2013)	Other

## ► Epitope tags

### ► T7-tag

#### ► Anti-T7-tag pAb-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
PM022-8	23485467	Kato Y et al. novel monoclonal antibody GMAb-m1 specifically recognizes IDH1-R132G mutation. Biochem Biophys Res Commun. 432: 564-7. 2013	Other

### ► VSV-G-tag

#### ► Anti-VSV-G-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
563	9121761	Meyerhardt JA et al. Identification and characterization of neogenin, a DCC-related gene. Oncogene 14, 1129-36 (1997)	WB,
	10993877	Nix SL et al. hCASK and hDlg associate in epithelia, and their src homology 3 and guanylate kinase domains participate in both intramolecular and intermolecular interactions. J Biol Chem. 275, 41192-200 (2000)	WB,
	9175707	Van Itallie CM, Anderson JM. Occludin confers adhesiveness when expressed in fibroblasts. J Cell Sci. 110, 1113-21 (1997)	IC,
	20200541	Page A et al. IKKbeta leads to an inflammatory skin disease resembling interface dermatitis. J Invest Dermatol. 130, 1598-610 (2010)	IH,
	22298771	Nagamine S et al. Organ-specific sulfation patterns of heparan sulfate generated by extracellular sulfatases Sulf1 and Sulf2 in mice. J Biol Chem. 287, 9579-90 (2012)	IH,

### ► GST-tag

#### ► Anti-GST-tag mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M071-3	21967847	Wang W et al. The acetylation of transcription factor HBP1 by p300/CBP enhances p16INK4A expression. Nucleic Acids Res. 40, 981-995 (2012)	WB,
	17573772	Nakagawa T et al. Anchoring of the 26S proteasome to the organellar membrane by FKBP38. Genes Cells. 12, 709-719 (2007)	WB,

#### ► Anti-GST-tag pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM013	18287233	Zhou J, Blissard GW. Identification of a GP64 subdomain involved in receptor binding by budded virions of the baculovirus Autographica californica multicapsid nucleopolyhedrovirus. J Virol. 82, 4449-60 (2008)	WB,
	21705469	Sato M et al. Identification of Fyn as the binding partner for the WASP N-terminal domain in T cells. Int Immunol. 23, 493-502 (2011)	WB,
	25100564	Izumi H, Kaneko Y. Trim32 facilitates degradation of MYCN on spindle poles and induces asymmetric cell division in human neuroblastoma cells. Cancer Res. 74, 5620-30 (2014)	WB,

#### ► Anti-GST-tag pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
PM013-7	25738827	Tomita T et al. Human serum amyloid A3 (SAA3) protein, expressed as a fusion protein with SAA2, binds the oxidized low density lipoprotein receptor. PLoS One 10, e0118835 (2015)	WB,

### ► Luciferase

#### ► Anti-Luciferase pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM016	19835918	Ali Z et al. Dicistronic binary vector system-A versatile tool for gene expression studies in cell cultures and plants. J Biotechnol. 145, 9-16 (2010)	WB,
	23403543	Carruthers KH et al. Fat grafting as a vehicle for the delivery of recombinant adenoassociated viral vectors to achieve gene modification of muscle flaps. Ann Plast Surg. 70, 726-31 (2013)	IH,
	23665472	Weger M et al. Real-time in vivo monitoring of circadian E-box enhancer activity: A robust and sensitive zebrafish reporter line for developmental, chemical and neural biology of the circadian clock. Dev Biol. 380, 259-73 (2013)	IH,

## ► Epitope tags

### ► Luciferase

#### ► Anti-Luciferase pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM016	27246027	Whitney AK, Campbell EL. Imaging Inflammatory Hypoxia in the Murine Gut. Methods Mol Biol. 1422, 115-26 (2016)	Other

### ► Trx

#### ► Anti-Thioredoxin (Trx-tag) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M013-3	27486266	Araki N et al. Seminal vesicle proteins SVS3 and SVS4 facilitate SVS2 effect on sperm capacitation. Reproduction 152, 313-321 (2016)	Other

### ► MBP

#### ► Anti-MBP (Maltose Binding Protein) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M091-3	20442373	Ito T et al. Alteration of substrate specificity: the variable N-terminal domain of tobacco Ca(2+)-dependent protein kinase is important for substrate recognition. Plant Cell 22, 1592-604 (2010)	WB,
	25270598	Kasahara K et al. Ubiquitin-proteasome system controls ciliogenesis at the initial step of axoneme extension. Nat Commun. 5, 5081 (2014)	IP,

### ► β-galactosidase

#### ► Anti-β-galactosidase mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M094-3	21711689	Sato Y et al. Extracellular domain of CD98hc is required for early murine development. Cell Biosci. 1, 7 (2011)	FCM, IC,

#### ► Anti-β-galactosidase pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM049	27218883	Otsu K et al. The Semaphorin 4D-RhoA-Akt Signal Cascade Regulates Enamel Matrix Secretion in Coordination With Cell Polarization During Ameloblast Differentiation. J Bone Miner Res. 31, 1943-1954 (2016)	IH,
	27037682	Vaish V et al. Lentivirus-mediated somatic recombination and development of a novel mouse model for sporadic colorectal cancer. Genes Chromosomes Cancer. 55, 577-90 (2016)	Other

## ► Isotype control

### ► IgG1

#### ► Mouse IgM (isotype control)

产品编号	使用文献PMID	使用文献标题	实验方法
M075-3	24316222	Yang F et al. Reciprocal regulation of HIF-1α and lincRNA-p21 modulates the Warburg effect. Mol Cell 53, 88-100 (2014)	IP,
	28954740	Aoki K, Niki H. Release of condensin from mitotic chromosomes requires the Ran-GTP gradient in the reorganized nucleus. Biol Open 6, 1614-1628 (2017)	IP,
	26974561	Iwamoto R et al. Characterization of a Novel Anti-Human HB-EGF Monoclonal Antibody Applicable for Paraffin-Embedded Tissues and Diagnosis of HB-EGF-Related Cancers. Monoclon Anti Immunodiagn Immunother. 35, 73-82 (2016)	IC, IH,
	21278736	Bustamante J et al. Germline CYBB mutations that selectively affect macrophages in kindreds with X-linked predisposition to tuberculous mycobacterial disease. Nat Immunol. 12, 213-21 (2011)	FCM,



## ► Isotype control

### ► IgM

#### ► Mouse IgG1 (isotype control)

产品编号	使用文献PMID	使用文献标题	实验方法
M079-3	25466893	Liu W et al. Hepatitis B virus core protein inhibits Fas-mediated apoptosis of hepatoma cells via regulation of mFas/FasL and sFas expression. <i>FASEB J.</i> 29, 1113-23 (2015)	Function,
	27558422	Tan L et al. CD95 Signaling Inhibits B Cell Receptor-Mediated Gammaherpesvirus Replication in Apoptosis-Resistant B Lymphoma Cells. <i>J Virol.</i> 90, 9782-9796 (2016)	Function,

### ► Rabbit IgG

#### ► Normal Rabbit IgG

产品编号	使用文献PMID	使用文献标题	实验方法
PM035	25254944	Hirata N et al. Sphingosine-1-phosphate promotes expansion of cancer stem cells via S1PR3 by a ligand-independent Notch activation. <i>Nat Commun.</i> 5, 4806 (2014)	IP,
	27922002	Katsushima K et al. Targeting the Notch-regulated non-coding RNA TUG1 for glioma treatment. <i>Nat Commun.</i> 7, 13616 (2016)	RIP,
	22334708	Ishizaka A et al. Double plant homeodomain (PHD) finger proteins DPF3a and -3b are required as transcriptional co-activators in SWI/SNF complex-dependent activation of NF- $\kappa$ B RelA/p50 heterodimer. <i>J Biol Chem.</i> 287, 11924-33 (2012)	ChIP,
	29435407	Kokabu S, Rosen V. BMP3 expression by osteoblast lineage cells is regulated by canonical Wnt signaling. <i>FEBS Open Bio</i> 8, 168-176 (2017)	ChIP,
	23502856	Misawa T et al. Microtubule-driven spatial arrangement of mitochondria promotes activation of the NLRP3 inflammasome. <i>Nat Immunol.</i> 14, 454-60 (2013)	Other
	28368417	Deguchi S et al. Oncogenic effects of evolutionarily conserved noncoding RNA ECONEXIN on gliomagenesis. <i>Oncogene</i> 36, 4629-4640 (2017)	Other
	29245011	Hosono Y et al. Oncogenic Role of THOR, a Conserved Cancer/Testis Long Non-coding RNA. <i>Cell</i> 171, 1559-1572 (2017)	Other

#### ► Normal Rabbit IgG-Agarose

产品编号	使用文献PMID	使用文献标题	实验方法
PM035-8	24560272	Kato K et al. Fine-tuning of DNA damage-dependent ubiquitination by OTUB2 supports the DNA repair pathway choice. <i>Mol Cell</i> 53, 617-30 (2014)	IP,

## ► Loading control

### ► GAPDH

#### ► Anti-GAPDH mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M171-3	15701651	Hasegawa M et al. ASC-mediated NF- $\kappa$ B activation leading to interleukin-8 production requires caspase-8 and is inhibited by CLARP. <i>J Biol Chem.</i> 280, 15122-30 (2005)	WB,
	25630387	Li Q et al. The cleavage pattern of TDP-43 determines its rate of clearance and cytotoxicity. <i>Nat Commun.</i> 6, 6183 (2015)	WB,
	26136865	Liu S et al. Increased glyceraldehyde-3-phosphate dehydrogenase expression indicates higher survival rates in male patients with hepatitis B virus-associated hepatocellular carcinoma and cirrhosis. <i>Exp Ther Med.</i> 9, 1597-1604 (2015)	WB,
	26763232	Mita T et al. Docosahexaenoic Acid Promotes Axon Outgrowth by Translational Regulation of Tau and Collapsin Response Mediator Protein 2 Expression. <i>J Biol Chem.</i> 291, 4955-65 (2016)	WB,
	27754875	Yoshimoto R et al. Global analysis of pre-mRNA subcellular localization following splicing inhibition by spliceostatin A. <i>RNA.</i> 2017 23, 47-57 (2017)	WB,
	27851964	Miyake K et al. CAPS1 RNA Editing Promotes Dense Core Vesicle Exocytosis. <i>Cell Rep.</i> 17, 2004-2014 (2016)	WB,
	28088779	Gao Y et al. Comprehensive proteome analysis of lysosomes reveals the diverse function of macrophages in immune responses. <i>Oncotarget</i> 8, 7420-7440 (2017)	WB,
		FuadHafid A et al. Antiviral activity of the dichloromethane extracts from Artocarpus heterophyllus leaves against hepatitis C virus. <i>Asian Pac J Trop Biomed.</i> 7, 633-639 (2017)	WB,

## ► Loading control

### ► GAPDH

#### ► Anti-GAPDH mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M171-3	28695676	Uemura Y et al. Matrin3 binds directly to intronic pyrimidine-rich sequences and controls alternative splicing. <i>Genes Cells</i> . 22, 785-798 (2017)	WB,
	28739930	Xu J et al. Nuclear carbonic anhydrase 6B associates with PRMT5 to epigenetically promote IL-12 expression in innate response. <i>PNAS</i> . 114, 8620-8625 (2017)	WB,
	28791409	Lv J et al. PCDH9 acts as a tumor suppressor inducing tumor cell arrest at G0/G1 phase and is frequently methylated in hepatocellular carcinoma. <i>Mol Med Rep</i> . 16, 4475-4482 (2017)	WB,
	28869891	Hwang SY et al. Synthesis and biological effect of chrom-4-one derivatives as functional inhibitors of heat shock protein 27. <i>Eur J Med Chem</i> . 139, 892-900 (2017)	WB,
	28933784	Inhibition of the deubiquitinase USP5 leads to c-Maf protein degradation and myeloma cell apoptosis. <i>Cell Death Dis</i> . 8, e3058. (2017)	WB,
	28947780	Li L et al. ZNF516 suppresses EGFR by targeting the CtBP/LSD1/CoREST complex to chromatin. <i>Nat Commun</i> . 8, 691 (2017)	WB,
	28969032	Chen L et al. MicroRNA-199a acts as a potential suppressor of cardiomyocyte autophagy through targeting Hspa5. <i>Oncotarget</i> 8, 63825-63834 (2017)	WB,
	29020418	Miyamoto Y et al. Striatal N-Acetylaspartate Synthetase Shati/Nat8l Regulates Depression-Like Behaviors via mGluR3-Mediated Serotonergic Suppression in Mice. <i>Int J Neuropsychopharmacol</i> . 20, 1027-1035 (2017)	WB,
	29026117	Fu K et al. Involvement of the accumbal osteopontin-interacting transmembrane protein 168 in methamphetamine-induced place preference and hyperlocomotion in mice. <i>Sci Rep</i> . 7, 13084 (2017)	WB,
	29030587	Ju J et al. NatD promotes lung cancer progression by preventing histone H4 serine phosphorylation to activate Slug expression. <i>Nat Commun</i> . 8, 928 (2017)	WB,
	29111327	Ichikawa H et al. Overexpression of exchange protein directly activated by cAMP-1 (EPAC1) attenuates bladder cancer cell migration. <i>Biochem Biophys Res Commun</i> . 495, 64-70 (2018)	WB,
	29137325	Huang Y et al. RLIM suppresses hepatocellular carcinogenesis by up-regulating p15 and p21. <i>Oncotarget</i> . 8, 83075-83087 (2017)	WB,
	29358579	Mori T et al. Structural basis of thalidomide enantiomer binding to cereblon. <i>Sci Rep</i> . 8, 1294 (2018)	WB,
M171-3MS	15701651	Hasegawa M, et al., ASC-mediated NF-kappaB activation leading to interleukin-8 production requires caspase-8 and is inhibited by CLARP. <i>J Biol Chem</i> . 280, 15122-30. (2005)	Other

#### ► Anti-GAPDH mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
M171-7	23680462	Komada M et al. Smoothened controls cyclin D2 expression and regulates the generation of intermediate progenitors in the developing cortex. <i>Neurosci Lett</i> . 547, 87-91 (2013)	WB,
	26283397	Meng L et al. RIP3-mediated necrotic cell death accelerates systematic inflammation and mortality. <i>PNAS</i> . 112, 11007-12 (2015)	WB,
	27707755	Ueyama T et al. Constitutive activation of DIA1 (DIAPH1) via C-terminal truncation causes human sensorineural hearing loss. <i>EMBO Mol Med</i> . 8, 1310-1324 (2016)	WB,
	27485975	Ito M et al. Protein-Anchoring Therapy of Biglycan for Mdx Mouse Model of Duchenne Muscular Dystrophy. <i>Hum Gene Ther</i> . 28, 428-436 (2017)	WB,
	28807105	Li D et al. RIPK1-RIPK3-MLKL-dependent necrosis promotes the aging of mouse male reproductive system. <i>Elife</i> 6, e27692 (2017)	WB,

### ► α-Tubulin

#### ► Anti-α-Tubulin mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M175-3	23022192	Zhang S et al. AT motif binding factor 1 (ATBF1) is highly phosphorylated in embryonic brain and protected from cleavage by calpain-1. <i>Biochem Biophys Res Commun</i> . 427, 537-41 (2012)	WB,
	23514888	Hino K et al. Downregulation of Nipah virus N mRNA occurs through interaction between its 3'UTR; untranslated region and hnRNP D. <i>J Virol</i> . 87, 6582-8 (2013)	WB,
	24832601	Li T et al. HSCARG downregulates NF-κB signaling by interacting with USP7 and inhibiting NEMO ubiquitination. <i>Cell Death Dis</i> . 5, e1229 (2014)	WB,
	26089539	Qu L et al. hCINAP negatively regulates NF-κB signaling by recruiting the phosphatase PP1 to deactivate IKK complex. <i>J Mol Cell Biol</i> . 7, 529-42 (2015)	WB,

## ► Loading control

### ► $\alpha$ -Tubulin

#### ► Anti- $\alpha$ -Tubulin mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M175-3	26224636	Akagi T et al. ETS-related transcription factors ETV4 and ETV5 are involved in proliferation and induction of differentiation-associated genes in embryonic stem (ES) cells. J Biol Chem. 290, 22460-73 (2015)	WB,
	28367944	Abe K et al. <Original Article>TDP-43 in the skin of amyotrophic lateral sclerosis patients. J Med Dent Sci. 64, 9-17 (2017)	WB,
	29127012	Watanabe N et al. Dystonia-4 (DYT4)-associated TUBB4A mutants exhibit disorganized microtubule networks and inhibit neuronal process growth. Biochem Biophys Res Commun. 495, 346-352. (2018)	WB,
	27477389	Bai D et al. The ATPase hCINAP regulates 18S rRNA processing and is essential for embryogenesis and tumour growth. Nat Commun. 7, 12310 (2016)	Other

### ► $\beta$ -Actin

#### ► Anti- $\beta$ -Actin mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M177-3	23862014	Watanabe-Nakayama T et al. Requirement of LIM domains for the transient accumulation of paxillin at damaged stress fibres. Biol Open. 2, 667-74 (2013)	WB,
	25670504	Xing M et al. Interactome analysis identifies a new paralogue of XRCC4 in non-homologous end joining DNA repair pathway. Nat Commun. 6, 6233 (2015)	WB,
	27698828	Fukuda T et al. Autophagy inhibition augments resveratrol-induced apoptosis in Ishikawa endometrial cancer cells. Oncol Lett. 12, 2560-2566 (2016)	WB,
	27780926	Sun H et al. Resistance of glioma cells to nutrient-deprived microenvironment can be enhanced by CD133-mediated autophagy. Oncotarget 7, 76238-76249 (2016)	WB,
	28055019	Song KH et al. REP1 inhibits FOXO3-mediated apoptosis to promote cancer cell survival. Cell Death Dis. 8, e2536 (2017)	WB,
	28615637	Hori I et al. Defects in autophagosome-lysosome fusion underlie Vici syndrome, a neurodevelopmental disorder with multisystem involvement. Sci Rep. 7, 3552 (2017)	WB,
	29165178	Yoshioka H et al. Sasa veitchii extracts suppress acetaminophen-induced hepatotoxicity in mice. Environ Health Prev Med. 22, 54 (2017)	WB,
	28739930	Xu J et al. Nuclear carbonic anhydrase 6B associates with PRMT5 to epigenetically promote IL-12 expression in innate response. PNAS 114, 8620-8625 (2017)	WB,

#### ► Anti- $\beta$ -Actin pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM053	22912779	Onomoto K et al. Critical role of an antiviral stress granule containing RIG-I and PKR in viral detection and innate immunity. PLoS One. 7, e43031 (2012)	WB,
	24711370	Hu B et al. HSCARG, a novel regulator of H2A ubiquitination by downregulating PRC1 ubiquitin E3 ligase activity, is essential for cell proliferation. Nucleic Acids Res. 42, 5582-93 (2014)	WB,
	24744264	Kanaya K et al. Innate immune responses and neuroepithelial degeneration and regeneration in the mouse olfactory mucosa induced by intranasal administration of Poly(I:C). Cell Tissue Res. 357, 279-99 (2014)	WB,
	24763515	Peng Y et al. HSCARG negatively regulates the cellular antiviral RIG-I like receptor signaling pathway by inhibiting TRAF3 ubiquitination via recruiting OTUB1. PLoS Pathog. 10, e1004041 (2014)	WB,
	24993775	Wang X et al. Long non-coding 24993775RNA urothelial carcinoma associated 1 induces cell replication by inhibiting BRG1 in 5637 cells. Oncol Rep. 32, 1281-90 (2014)	WB,
	25103253	Homma T et al. Persistent prion infection disturbs the function of Oct-1, resulting in the down-regulation of murine interferon regulatory factor-3. Sci Rep. 4, 6006 (2014)	WB,
	25255219	Cao JX et al. MiR-630 inhibits proliferation by targeting CDC7 kinase, but maintains the apoptotic balance by targeting multiple modulators in human lung cancer A549 cells. Cell Death Dis. 5, e1426 (2014)	WB,
	25931247	Kurano M et al. LDL receptor and ApoE are involved in the clearance of ApoM-associated sphingosine 1-phosphate. J Biol Chem. 290, 2477-88 (2015)	WB,
	25660144	Kurano M et al. Hepatic NPC1L1 overexpression ameliorates glucose metabolism in diabetic mice via suppression of gluconeogenesis. Metabolism. 64, 588-96 (2015)	WB,

## ► Loading control

### ► β-Actin

#### ► Anti-β-Actin pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM053	25931247	Hirano H et al. The protective function of galectin-9 in liver ischemia and reperfusion injury in mice. Liver Transpl. 21, 969-81 (2015)	WB,
	26089539	Qu L et al. hCINAP negatively regulates NF-κB signaling by recruiting the phosphatase PP1 to deactivate IKK complex. J Mol Cell Biol. 7, 529-42 (2015)	WB,
	26403191	Wang G et al. PTEN regulates RPA1 and protects DNA replication forks. Cell Res. 25, 1189-204 (2015)	WB,
	27477389	Bai D et al. The ATPase hCINAP regulates 18S rRNA processing and is essential for embryogenesis and tumour growth. Nat Commun. 7, 12310 (2016)	WB,
	27894081	Li R et al. MBD3 inhibits formation of liver cancer stem cells. Oncotarget 8, 6067-6078 (2017)	WB,
	28321011	Takahashi C et al. Vehicle-dependent Effects of Sphingosine 1-phosphate on Plasminogen Activator Inhibitor-1 Expression. J Atheroscler Thromb. 24, 954-969 (2017)	WB,
	28503967	Suga N et al. Cytotoxic and cytoprotective effects of tryptamine-4,5-dione on neuronal cells: a double-edged sword. Free Radic Res. 51, 545-553 (2017)	WB,
	28516914	Ji Y et al. Adenylate kinase hCINAP determines self-renewal of colorectal cancer stem cells by facilitating LDHA phosphorylation. Nat Commun. 8, 15308 (2017)	WB,
	29088246	Hasegawa D et al. Gorlin syndrome-derived induced pluripotent stem cells are hypersensitive to hedgehog-mediated osteogenic induction. PLoS One. 12, e0186879 (2017)	WB,
	29162772	Kawakami S et al. Functional alteration of canine isocitrate dehydrogenase 2 (IDH2) via an R174K mutation. Vet Res Commun. 42, 49-56 (2018)	WB,
	29285579	Kawakami S et al. Functional alteration of canine isocitrate dehydrogenase 2 (IDH2) via an R174K mutation. J Vet Med Sci. 80, 85-91 (2018)	WB,

#### ► Anti-β-Actin pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
PM053-7	24647621	Zhou M et al. Periostin is a negative regulator of mineralization in the dental pulp tissue. Odontology 103, 152-9 (2015)	WB,
	25959098	Ju H et al. The transgenic cloned pig population with integrated and controllable GH expression that has higher feed efficiency and meat production. Sci Rep. 5, 10152 (2015)	WB,
	26065921	Takahashi RU et al. Loss of microRNA-27b contributes to breast cancer stem cell generation by activating ENPP1. Nat Commun. 6, 7318 (2015)	WB,
	26283397	Meng L et al. RIP3-mediated necrotic cell death accelerates systematic inflammation and mortality. PNAS. 112, 11007-12 (2015)	WB,
	26855420	Duan Y et al. Mitochondrial aldehyde dehydrogenase 2 protects gastric mucosa cells against DNA damage caused by oxidative stress. Free Radic Biol Med. 93, 165-76 (2016)	WB,
	27124574	Al-Soundy AS et al. Germline recombination in a novel Cre transgenic line, Prl3b1-Cre mouse. Genesis 54, 389-97 (2016)	WB,
	28000783	Makino S et al. Illegitimate translation causes unexpected gene expression from on-target out-of-frame alleles created by CRISPR-Cas9. Sci Rep. 6, 39608 (2016)	WB,
PM053-7MS	24647621	Zhou M et al. Periostin is a negative regulator of mineralization in the dental pulp tissue.  Odontology (2014) In press.	WB,

### ► α-Tubulin

#### ► Anti-α-Tubulin pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM054	22773875	Geng Y et al. Contribution of the C-terminal Regions of Promyelocytic Leukemia Protein (PML) Isoforms II and V to PML Nuclear Body Formation. J Biol Chem. 287, 30729-42 (2012)	WB,
	25255219	Cao JX et al. MiR-630 inhibits proliferation by targeting CDC7 kinase, but maintains the apoptotic balance by targeting multiple modulators in human lung cancer A549 cells. Cell Death Dis. 5,e1426 (2014)	WB,
	25752699	Horii T et al. p53 suppresses tetraploid development in mice. Sci Rep. 5, 8907 (2015)	WB,
	25906440	Xu D et al. Modification of BECN1 by ISG15 plays a crucial role in autophagy regulation by type I IFN/interferon. Autophagy 11, 617-28 (2015)	WB,
	26523394	Xu D et al. Phosphorylation and activation of ubiquitin-specific protease-14 by Akt regulates the ubiquitin-proteasome system. Elife 4, e10510 (2015)	WB,
	26718004	Wang H et al. Antagonistic roles of Nibbler and Hen1 in modulating piRNA 3' ends in Drosophila. Development 143, 530-9 (2016)	WB,

## ► Loading control

### ► $\alpha$ -Tubulin

#### ► Anti- $\alpha$ -Tubulin pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM054	27559081	Li H et al. Ultra-deep sequencing of ribosome-associated poly-adenylated RNA in early Drosophila embryos reveals hundreds of conserved translated sORFs. DNA Res. 23, 571-580 (2016)	WB,
	28619731	Xu D et al. USP25 regulates Wnt signaling by controlling the stability of tankyrases. Genes Dev. 31, 1024-1035 (2017)	WB,
	28867767	Shibutani M et al. Arid1b Haploinsufficiency Causes Abnormal Brain Gene Expression and Autism-Related Behaviors in Mice. Int J Mol Sci. 18, E1872 (2017)	WB,
	28972163	Murakami A et al. An N-terminal di-proline motif is essential for fatty acid-dependent degradation of $\Delta 9$ -desaturase in Drosophila. J Biol Chem. 292, 19976-19986 (2017)	WB,
	28981103	Fu W et al. A novel acridine derivative, LS-1-10 inhibits autophagic degradation and triggers apoptosis in colon cancer cells. Cell Death Dis. 8, e3086 (2017)	WB,
	25499221	Taniuchi K et al. KIF20A-mediated RNA granule transport system promotes the invasiveness of pancreatic cancer cells. Neoplasia 16, 1082-93 (2014)	IC,
	26503935	Chinen T et al. The $\gamma$ -tubulin-specific inhibitor gatastatin reveals temporal requirements of microtubule nucleation during the cell cycle. Nat Commun. 6, 8722 (2015)	IC,
	28103122	Ma K et al. PTK2-mediated degradation of ATG3 impedes cancer cells susceptible to DNA damage treatment. Autophagy 13, 579-591 (2017)	IC,

#### ► Anti- $\alpha$ -Tubulin pAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
PM054-7	25316792	Wang X et al. Direct activation of RIP3/MLKL-dependent necrosis by herpes simplex virus 1 (HSV-1) protein ICP6 triggers host antiviral defense. PNAS. 111, 15438-43 (2014)	WB,
	25766328	Jiao HK et al. Prognostic significance of Cbx4 expression and its beneficial effect for transarterial chemoembolization in hepatocellular carcinoma. Cell Death Dis. 6, e1689 (2015)	WB,
	26272249	Lin Q et al. The SnRK2-APC/C(TE) regulatory module mediates the antagonistic action of gibberellic acid and abscisic acid pathways. Nat Commun. 6, 7981 (2015)	WB,
	26860885	Ito S et al. Crucial Role of the Aryl Hydrocarbon Receptor (AhR) in Indoxyl Sulfate-Induced Vascular Inflammation. J Atheroscler Thromb. 23, 960-75 (2016)	WB,
	27588481	Fan L et al. FAM122A, a new endogenous inhibitor of protein phosphatase 2A. Oncotarget 7, 63887-63900 (2016)	WB,
	27707755	Ueyama T et al. Constitutive activation of DIA1 (DIAPH1) via C-terminal truncation causes human sensorineural hearing loss. EMBO Mol Med. 8, 1310-1324 (2016)	WB,
	28127051	Nishita M et al. Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. Sci Rep. 7, 1 (2017)	WB,
	28258224	Maki M et al. Transglutaminase-catalyzed incorporation of polyamines masks the DNA-binding region of the transcription factor Relish. J Biol Chem. 292, 6369-6380 (2017)	WB,

### ► Lamin B1

#### ► Anti-Lamin B1 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM064	22569299	Jia X et al. The modulation of hepatic adenosine triphosphate and inflammation by eicosapentaenoic acid during severe fibrotic progression in the SHRSP5/Dmcr rat model. Life Sci. 90, 934-43 (2012)	WB,
	23824403	Jia X et al. Dysregulated bile acid synthesis, metabolism and excretion in a high fat-cholesterol diet-induced fibrotic steatohepatitis in rats. Dig Dis Sci. 58, 2212-22 (2013)	WB,
	24070983	Yamamoto N et al. Polymerase complex with lysine at position 627 of the PB2 of influenza virus A/Hong Kong/483/97 (H5N1) efficiently transcribes and replicates virus genes in mouse cells. Virus Res. 178, 404-10 (2013)	WB,
	23708656	Mukai R, Ohshima T. HTLV-1 HBZ positively regulates the mTOR signaling pathway via inhibition of GADD34 activity in the cytoplasm. Oncogene 33, 2317-28 (2014) 23708656	WB,
	26089539	Qu L et al. hCINAP negatively regulates NF- $\kappa$ B signaling by recruiting the phosphatase PP1 to deactivate IKK complex. J Mol Cell Biol. 7, 529-42 (2015)	WB,
	27477389	Bai D et al. The ATPase hCINAP regulates 18S rRNA processing and is essential for embryogenesis and tumour growth. Nat Commun. 7, 12310 (2016)	WB,
	29226080	Hirano K, Namiyama M. FAD influx enhances neuronal differentiation of human neural stem cells by facilitating nuclear localization of LSD1. FEBS Open Bio. 7, 1932-1942 (2017)	WB,

## ► Loading control

### ► Lamin B1

#### ► Anti-Lamin B1 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM064	29241092	Mizunoe Y et al. Trehalose protects against oxidative stress by regulating the Keap1&ndash;Nrf2 and autophagy pathways. Redox Biol. 15, 115-124 (2017)	WB,
PM064MS	23824403	Jia X et al. Dysregulated bile acid synthesis, metabolism and excretion in a high fat-cholesterol diet-induced fibrotic steatohepatitis in rats. Dig Dis Sci. 58, 2212-22 (2013)	WB,
	24070983	Yamamoto N et al. Polymerase complex with lysine at position 627 of the PB2 of influenza virus A/Hong Kong/483/97 (H5N1) efficiently transcribes and replicates virus genes in mouse cells. Virus Res. 178, 404-10 (2013)	WB,
	23708656	Mukai R, Ohshima T. HTLV-1 HBZ positively regulates the mTOR signaling pathway via inhibition of GADD34 activity in the cytoplasm. Oncogene 33, 2317-28 (2014)	Other
	22569299	Jia X et al. The modulation of hepatic adenosine triphosphate and inflammation by eicosapentaenoic acid during severe fibrotic progression in the SHRSP5/Dmcr rat model. Life Sci. 90, 934-43 (2012)	Other

## ► Organelle Marker

### ► Calnexin

#### ► Anti-Calnexin mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M178-3	21729698	Oh-hashii K et al. Biosynthesis and secretion of mouse cysteine-rich with EGF-like domains 2. FEBS Lett. 585, 2481-7 (2011)	IC,

### ► CENP-A

#### ► Anti-CENP-A (Human) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D115-3	18239465	Slattery SD et al. Aurora-C and Aurora-B share phosphorylation and regulation of CENP-A and Borealin during mitosis. Cell Cycle. 7, 787-95 (2008)	WB,
	18239465	Slattery SD et al. Aurora-C and Aurora-B share phosphorylation and regulation of CENP-A and Borealin during mitosis. Cell Cycle 7, 787-95 (2008)	WB,
	25347736	Kazami T et al. Nuclear accumulation of annexin A2 contributes to chromosomal instability by coilin-mediated centromere damage. Oncogene 34, 4177-89 (2015)	WB,
	11884609	Ando S et al. CENP-A, -B, and -C chromatin complex that contains the I-type alpha-satellite array constitutes the prekinetochore in HeLa cells. Mol Cell Biol. 22, 2229-41 (2002)	WB,IP,IC,Other
	19625449	Okada M et al. CENP-H-containing complex facilitates centromere deposition of CENP-A in cooperation with FACT and CHD1. Mol Biol Cell. 20, 3986-95 (2009)	WB,IC,
	15009096	Obuse C et al. Proteomics analysis of the centromere complex from HeLa interphase cells: UV-damaged DNA binding protein 1 (DDB-1) is a component of the CEN-complex, while BMI-1 is transiently co-localized with the centromeric region in interphase. Genes Cells. 9, 105-20 (2004)	WB,IC,Other
	16866869	Mimori-Kiyosue Y et al. Mammalian CLSPs are required for mitotic spindle organization and kinetochore alignment. Genes Cells. 11, 845-57 (2006)	IC,
	16716197	Izuta H et al. Comprehensive analysis of the ICEN (Interphase Centromere Complex) components enriched in the CENP-A chromatin of human cells. Genes Cells. 11, 673-84 (2006)	IC,
	19114591	Marshall OJ et al. Three-dimensional localization of CENP-A suggests a complex higher order structure of centromeric chromatin. J Cell Biol. 183, 1193-202 (2008)	IC,
	17631499	Chi YH et al. Histone acetyltransferase hALP and nuclear membrane protein hsSUN1 function in de-condensation of mitotic chromosomes. J Biol Chem. 282, 27447-58 (2007)	IC,
	16875666	Orthaus S et al. RNAi knockdown of human kinetochore protein CENP-H. Biochem Biophys Res Commun 348, 36-46 (2006)	IC,
	18347072	Hemmerich P et al. Dynamics of inner kinetochore assembly and maintenance in living cells. J Cell Biol. 180, 1101-14 (2008)	IC,
	19625449	Okada M et al. CENP-H-containing complex facilitates centromere deposition of CENP-A in cooperation with FACT and CHD1. Mol Cell Biol. 20, 3986-95 (2009)	IC,



## ► Organelle Marker

### ► CEMP-A

#### ► Anti-CENP-A (Human) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D115-3	19114591	Marshall OJ et al. Three-dimensional localization of CENP-A suggests a complex higher order structure of centromeric chromatin. J Cell Biol. 183, 1193-202 (2008)	IC,

### ► CEMP-C

#### ► Anti-CENP-C (Human) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD030	24695965	Kuijt TE et al. Conditional targeting of MAD1 to kinetochores is sufficient to reactivate the spindle assembly checkpoint in metaphase. Chromosoma (2014) In press.	IC,
PD030MS	24695965	Kuijt TE et al. Conditional targeting of MAD1 to kinetochores is sufficient to reactivate the spindle assembly checkpoint in metaphase. Chromosoma (2014) In press.	IC,

### ► CEMP-H

#### ► Anti-CENP-H (Human) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD031	15009096	Obuse C et al., Proteomics analysis of the centromere complex from HeLa interphase cells: UV-damaged DNA binding protein 1 (DDB-1) is a component of the CEN-complex, while BMI-1 is transiently co-localized with the centromeric region in interphase. Genes Cells. 9, 105-120 (2004)	WB,
	16716197	Izuta H et al., Comprehensive analysis of the ICEN (Interphase Centromere Complex) components enriched in the CENP-A chromatin of human cells. Genes Cells. 11, 673-684 (2006)	IC,

### ► CEMP-I

#### ► Anti-CENP-I (hMis6) (Human) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD032	15009096	Obuse C et al. Proteomics analysis of the centromere complex from HeLa interphase cells: UV-damaged DNA binding protein 1 (DDB-1) is a component of the CEN-complex, while BMI-1 is transiently co-localized with the centromeric region in interphase. Genes Cells. 9, 105-120 (2004)	WB,
	16716197	Izuta H et al. Comprehensive analysis of the ICEN (Interphase Centromere Complex) components enriched in the CENP-A chromatin of human cells. Genes Cells. 11, 673-84 (2006)	IC,

### ► CEMP-K

#### ► Anti-CENP-K (ICEN37) (Human) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D282-3	16622420	Okada M et al., The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Nat Cell Biol. 8, 446-457 (2006)	IC,
	17392512	Kwon MS et al., CENP-C is involved in chromosome segregation, mitotic checkpoint function, and kinetochore assembly. Mol Cell Biol. 25, 10315-10328 (2007)	IC,
D282-3MS	17392512	Kwon MS et al. CENP-C is involved in chromosome segregation, mitotic checkpoint function, and kinetochore assembly. Mol Cell Biol. 25, 10315-28 (2007)	IC,
	16622420	Okada M et al. The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Nat Cell Biol. 8, 446-57 (2006)	IC,

#### ► Anti-CENP-K (ICEN37) (Human) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD018	17392512	Kwon, M. S., et al., CENP-C is involved in chromosome segregation, mitotic checkpoint function, and kinetochore assembly. Mol. Biol. Cell 18, 2155-2168 (2007)	IC,
	16622420	Okada, M., et al., The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Nat. Cell Biol. 8, 446-457 (2006)	IC,

## ► Organelle Marker

### ► CEMP-O

#### ► Anti-CENP-O (Chicken) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD020	16622420	Okada M., et al., The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Nat. Cell Biol. 8, 446-457 (2006)	IC,
	23321637	Petsalaki E, Zachos G. Chk1 and Mps1 jointly regulate correction of merotelic kinetochore attachments. J Cell Sci. 126, 1235-1246 (2013)	IC,

### ► CEMP-T

#### ► Anti-CENP-T (ICEN22) (Human) mAb

产品编号	使用文献PMID	使用文献标题	实验方法
D286-3	25601404	Kim S, Yu H. Multiple assembly mechanisms anchor the KMN spindle checkpoint platform at human mitotic kinetochores. J Cell Biol. 208, 181-96 (2015)	WB,IC,

### ► CEMP-50

#### ► Anti-CENP-50 (Human) pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD019	16287847	Minoshima Y et al., The constitutive centromere component CENP-50 is required for recovery from spindle damage. Mol Cell Biol. 25, 10315-10328 (2005)	IC,

### ► EEA1

#### ► Anti-EEA1 mAb-Alexa Fluor 488

产品编号	使用文献PMID	使用文献标题	实验方法
M176-A48	28088841	Nishiumi E et al. Intracellular fate of Ureaplasma parvum entrapped by host cellular autophagy. MicrobiologyOpen. 6, e441 (2017)	IC,
	29155995	Kobayashi T et al. Lysosome biogenesis regulated by the amino-acid transporter SLC15A4 is critical for functional integrity of mast cells. Int Immunol. 29, 551-566 (2017)	IC,
	29246902	Rothmeier AS et al. Identification of the integrin-binding site on coagulation factor VIIa required for proangiogenic PAR2 signaling. Blood 131, 674-685 (2018)	Other

### ► GM130

#### ► Anti-GM130 mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M179-3	21729698	Oh-hashii K et al. Biosynthesis and secretion of mouse cysteine-rich with EGF-like domains 2. FEBS Lett. 585, 2481-7 (2011)	IC,

#### ► Anti-GM130 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM061	22841714	Tamaki H et al. Pilt is a coiled-coil domain-containing protein that localizes at the trans-Golgi complex and regulates its structure. FEBS Lett. 586, 3064-70 (2012)	IC,
	24349490	Seto S et al. Rab39a interacts with phosphatidylinositol 3-kinase and negatively regulates autophagy induced by lipopolysaccharide stimulation in macrophages. PLoS One 8, e83324 (2013)	IC,

### ► KDEL

#### ► Anti-KDEL mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M181-3	21072203	Xiang Y et al. Lactic acid induces aberrant amyloid precursor protein processing by promoting its interaction with endoplasmic reticulum chaperone proteins. PLoS One. 5, e13820 (2010)	WB,IP,IC,
	21795745	Zhang B et al. Mice deficient in LMAN1 exhibit FV and FVIII deficiencies and liver accumulation of $\alpha_1$ -antitrypsin. Blood 118, 3384-91 (2011)	IC,
	23318643	van de Hoef DL et al. FKBP14 is an essential gene that regulates Presenilin protein levels and Notch signaling in Drosophila. Development 140, 810-9 (2013)	IC,

## ► Organelle Marker

### ► KDEL

#### ► Anti-KDEL mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M181-3	27188440	Zhao C et al. Mice lacking the intracellular cation channel TRIC-B have compromised collagen production and impaired bone mineralization. <i>Sci Signal.</i> 9, ra49 (2016)	IC,
	19760141	Hino S et al. Regulation of ER molecular chaperone prevents bone loss in a murine model for osteoporosis. <i>J Bone Miner Metab.</i> 28, 131-8 (2010)	IH,
	21538020	Furuichi T et al. ENU-induced missense mutation in the C-propeptide coding region of Col2a1 creates a mouse model of platyspondylic lethal skeletal dysplasia, Torrance type. <i>Mamm Genome.</i> 22, 318-28 (2011)	IH,

#### ► Anti-KDEL pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM059	28342860	Ishii S et al. Functional characterization of lysophosphatidic acid receptor 1 mutants identified in rat cancer tissues. <i>Biochem Biophys Res Commun.</i> 486, 767-773 (2017)	IC,
	19767744	Saito A et al. Regulation of endoplasmic reticulum stress response by a BBF2H7-mediated Sec23a pathway is essential for chondrogenesis. <i>Nat Cell Biol.</i> 11, 1197-1204 (2009)	IH,
	24566496	Yamanaka T et al. NF-Y inactivation causes atypical neurodegeneration characterized by ubiquitin and p62 accumulation and endoplasmic reticulum disorganization. <i>Nat Commun.</i> 5, 3354 (2014)	IH,
	27687130	Yamanaka T et al. Differential roles of NF-Y transcription factor in ER chaperone expression and neuronal maintenance in the CNS. <i>Sci Rep.</i> 6, 34575 (2016)	IH,

### ► LC3

#### ► Anti-LC3 mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M152-3	21081844	Saiki S et al. Caffeine induces apoptosis by enhancement of autophagy via PI3K/Akt/mTOR/p70S6K inhibition. <i>Autophagy.</i> 7, 176-87 (2011)	WB,
	21317285	Ho H et al. WIPI1 coordinates melanogenic gene transcription and melanosome formation via TORC1 inhibition. <i>J Biol Chem.</i> 286, 12509-23 (2011)	WB,
	21915098	Frankel LB et al. microRNA-101 is a potent inhibitor of autophagy. <i>EMBO J.</i> 30, 4628-41 (2011)	WB,
	22286270	Shi CS et al. Activation of autophagy by inflammatory signals limits IL-1 $\beta$ production by targeting ubiquitinated inflammasomes for destruction. <i>Nat Immunol.</i> 13, 255-63 (2012)	WB,
	22508836	Joubert PE et al. Chikungunya virus-induced autophagy delays caspase-dependent cell death. <i>J Exp Med.</i> 209, 1029-47 (2012)	WB,
	28377722	Ye M et al. Curcumin Improves Palmitate-Induced Insulin Resistance in Human Umbilical Vein Endothelial Cells by Maintaining Proteostasis in Endoplasmic Reticulum. <i>Front Pharmacol.</i> 8, 148 (2017)	WB,
	22264511	Starr T et al. Selective subversion of autophagy complexes facilitates completion of the Brucella intracellular cycle. <i>Cell Host Microbe.</i> 11, 33-45 (2012)	WB,IC,
	22479596	Morris CR et al. A knockout of the Tsg101 gene leads to decreased expression of ErbB receptor tyrosine kinases and induction of autophagy prior to cell death. <i>PLoS One.</i> 7, e34308 (2012)	WB,IC,
	28056107	Silva BJ et al. Autophagy Is an Innate Mechanism Associated with Leprosy Polarization. <i>PLoS Pathog.</i> 13, e1006103 (2017)	WB,IC,IH,
	28874186	Kimura T et al. Age-dependent changes in synaptic plasticity enhance tau oligomerization in the mouse hippocampus. <i>Acta Neuropathol Commun.</i> 5, 67 (2017)	WB,IH,
	20392839	Thayanidhi N et al. Alpha-synuclein delays endoplasmic reticulum (ER)-to-Golgi transport in mammalian cells by antagonizing ER/Golgi SNAREs. <i>Mol Biol Cell.</i> 21, 1850-63 (2010)	IC,
	21660048	Kovacs JR et al. Autophagy promotes T-cell survival through degradation of proteins of the cell death machinery. <i>Cell Death Differ.</i> 19, 144-52 (2012)	IC,
	21732083	Cai T et al. Deletion of I $\alpha$ -2 and/or I $\alpha$ -2 $\beta$ ; in mice decreases insulin secretion by reducing the number of dense core vesicles. <i>Diabetologia.</i> 54, 2347-57 (2011)	IC,
	21757726	Traver MK et al. Immunity-related GTPase M (IRGM) proteins influence the localization of guanylate-binding protein 2 (GBP2) by modulating macroautophagy. <i>J Biol Chem.</i> 286, 30471-80 (2011)	IC,
	21784250	Moreau K et al. Autophagosome precursor maturation requires homotypic fusion. <i>Cell.</i> 146, 303-17 (2011)	IC,
	21883763	Gillis JM et al. Aminopeptidase-resistant peptides are targeted to lysosomes and subsequently degraded. <i>Traffic.</i> 12, 1897-910 (2011)	IC,

## ► Organelle Marker

### ► LC3

#### ► Anti-LC3 mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M152-3	22256790	Seto S et al. Coronin-1a inhibits autophagosome formation around Mycobacterium tuberculosis-containing phagosomes and assists mycobacterial survival in macrophages. Cell Microbiol. 14, 710-27 (2012)	IC,
	22306808	Sims JJ et al. Polyubiquitin-sensor proteins reveal localization and linkage-type dependence of cellular ubiquitin signaling. Nat Methods. 9, 303-9 (2012)	IC,
	22354037	McKnight NC et al. Genome-wide siRNA screen reveals amino acid starvation-induced autophagy requires SCOC and WAC. EMBO J. 31, 1931-46 (2012)	IC,
	26043155	Matsuzawa Y et al. TNFAIP3 promotes survival of CD4 T cells by restricting MTOR and promoting autophagy. Autophagy 11, 1052-62 (2015)	IC,
	28504273	Arasaki K et al. Legionella effector Lpg1137 shuts down ER-mitochondria communication through cleavage of syntaxin 17. Nat Commun. 8, 15406 (2017)	IC,
	28573684	Wacker R et al. LC3-association with the parasitophorous vacuole membrane of Plasmodium berghei liver stages follows a noncanonical autophagy pathway. Cell Microbiol. 19, e12754 (2017)	IC,
	28900156	Zhao Q et al. Dual Roles of Two Isoforms of Autophagy-related Gene ATG10 in HCV-Subgenomic replicon Mediated Autophagy Flux and Innate Immunity. Sci Rep. 7, 11250 (2017)	IC,
	21957238	Chalazonitis A et al. Homeodomain interacting protein kinase 2 regulates postnatal development of enteric dopaminergic neurons and glia via BMP signaling. J Neurosci. 31, 13746-57 (2011)	IH,
	29127187	Sato Y et al. Apobec2 deficiency causes mitochondrial defects and mitophagy in skeletal muscle. FASEB J. 32, 1428-1439 (2018)	IH,
	20458170	Eng KE et al. A novel quantitative flow cytometry-based assay for autophagy. Autophagy. 6, 634-41 (2010)	FCM,
M152-3MS	21317285	Ho H et al. WIPI1 coordinates melanogenic gene transcription and melanosome formation via TORC1 inhibition. J Biol Chem. 286, 12509-23 (2011)	WB,
	21081844	Saiki S et al. Caffeine induces apoptosis by enhancement of autophagy via PI3K/Akt/mTOR/p70S6K inhibition. Autophagy 7, 176-187 (2011)	WB,
	18073215	Wang Y et al. Loss of macroautophagy promotes or prevents fibroblast apoptosis depending on the death stimulus. J Biol Chem. 283, 4766-77 (2008)	WB,IC,
	19915056	Kasai M et al. Autophagic compartments gain access to the MHC class II compartments in thymic epithelium. J Immunol. 183, 7278-85 (2009)	WB,IC,IH,
	24553140	Murthy A et al. A Crohn's disease variant in Atg16l1 enhances its degradation by caspase 3. Nature 506, 456-62 (2014)	WB,Other
	19955365	Mookerjee S et al. Posttranslational modification of ataxin-7 at lysine 257 prevents autophagy-mediated turnover of an N-terminal caspase-7 cleavage fragment. J Neurosci. 29, 15134-44 (2009)	IP,IH,
	19164507	Nishitsuji K et al. The E693Delta mutation in amyloid precursor protein increases intracellular accumulation of amyloid beta oligomers and causes endoplasmic reticulum stress-induced apoptosis in cultured cells. Am J Pathol. 174, 957-69 (2009)	IC,
	21957238	Chalazonitis A et al. Homeodomain interacting protein kinase 2 regulates postnatal development of enteric dopaminergic neurons and glia via BMP signaling. J Neurosci. 31, 13746-57 (2011)	IC,
M186-3	23184933	Margariti A et al. XBP1 mRNA splicing triggers an autophagic response in endothelial cells through BECLIN-1 transcriptional activation. J Biol Chem 288, 859-72 (2013)	WB,
	23708656	Mukai R et al. HTLV-1 HBZ positively regulates the mTOR signaling pathway via inhibition of GADD34 activity in the cytoplasm. Oncogene. 33, 2317-28 (2014)	WB,
	24141421	Maejima Y et al. Mst1 inhibits autophagy by promoting the interaction between Beclin1 and Bcl-2. Nat Med. 19, 1478-88 (2013)	WB,
	24648348	Wang M et al. EGFR-mediated chromatin condensation protects KRAS-mutant cancer cells against ionizing radiation. Cancer Res. 74, 2825-34 (2014)	WB,
	25955014	He R et al. Divergent roles of BECN1 in LC3 lipidation and autophagosomal function. Autophagy 11, 740-7 (2015)	WB,
	27190722	Nakanishi T et al. Relationship between triterpenoid anticancer drug resistance, autophagy, and caspase-1 in adult T-cell leukemia. PeerJ 12, e2026 (2016)	WB,
	27273576	Boada-Romero E et al. The T300A Crohn's disease risk polymorphism impairs function of the WD40 domain of ATG16L1. Nat Commun. 7, 11821 (2016)	WB,

## ► Organelle Marker

### ► LC3

#### ► Anti-LC3 mAb

产品编号	使用文献PMID	使用文献标题	实验方法
M186-3	27468757	Sasaki N et al. Chorein interacts with $\alpha$ -tubulin and histone deacetylase 6, and overexpression preserves cell viability during nutrient deprivation in human embryonic kidney 293 cells. FASEB J. 30, 3726-3732 (2016)	WB,
	28191006	Mauer&ouml;der C et al. Capability of Neutrophils to Form NETs Is Not Directly Influenced by a CMA-Targeting Peptide. Front Immunol. 8, 16 (2017)	WB,
	28622711	Zhao Z et al. Curcumin accelerates the repair of sciatic nerve injury in rats through reducing Schwann cells apoptosis and promoting myelination. Front Immunol. 8, 16 (2017)	WB,
	28874882	He R et al. Glucosyltransferase Activity of Clostridium difficile Toxin B Triggers Autophagy-mediated Cell Growth Arrest. Sci Rep. 7, 10532 (2017)	WB,
	28978809	Sun Y et al. Dietary potassium regulates vascular calcification and arterial stiffness. JCI insight 2, e94920 (2017)	WB,
	26971449	Hasegawa K et al. Promotion of mitochondrial biogenesis by necdin protects neurons against mitochondrial insults. Nat Commun. 7, 10943 (2016)	WB,IC,
	27077655	Li Z et al. Ammonia Induces Autophagy through Dopamine Receptor D3 and MTOR. PLoS One 11, e0153526 (2016)	WB,IC,
	28924380	Meng XH et al. Intracellular Insulin and Impaired Autophagy in a Zebrafish model and a Cell Model of Type 2 diabetes. Int J Biol Sci. 13, 985-995 (2017)	IP,IC,

#### ► Anti-LC3 mAb-HRP-Direct

产品编号	使用文献PMID	使用文献标题	实验方法
M186-7	28300073	Ohmae S et al. Actin-binding protein coronin 1A controls osteoclastic bone resorption by regulating lysosomal secretion of cathepsin K. Sci Rep. 7, 41710 (2017)	WB,

#### ► Anti-LC3 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD014	21767558	Son YO et al. Cadmium induces autophagy through ROS-dependent activation of the LKB1-AMPK signaling in skin epidermal cells. Toxicol Appl Pharmacol. 255, 287-96 (2011)	WB,
	21771054	Vega-Naredo I et al. Melatonin modulates autophagy through a redox-mediated action in female Syrian hamster Harderian gland controlling cell types and gland activity. J Pineal Res. 52, 80-92 (2012)	WB,
	22509406	Cui D et al. Propofol prevents autophagic cell death following oxygen and glucose deprivation in PC12 cells and cerebral ischemia-reperfusion injury in rats. PLoS One 7, e35324 (2012)	WB,
	21738012	Kim JH et al. Involvement of mitophagy in oncogenic K-Ras-induced transformation: overcoming a cellular energy deficit from glucose deficiency. Autophagy 7, 1187-98 (2011)	WB,
	21419217	Kurz T et al. Cell sensitivity to oxidative stress is influenced by ferritin autophagy. Free Radic Biol Med. 50, 1647-58 (2011)	WB,
	21325880	O&#39;Donovan TR et al. Induction of autophagy by drug-resistant esophageal cancer cells promotes their survival and recovery following treatment with chemotherapeutics. Autophagy 7, 509-24 (2011)	WB,
	20812860	Hariharan N et al. Oxidative stress stimulates autophagic flux during ischemia/reperfusion. Antioxid Redox Signal. 14, 2179-90 (2011)	WB,
	20724831	Hou W et al. Autophagic degradation of active caspase-8: a crosstalk mechanism between autophagy and apoptosis. Autophagy 6, 891-900 (2010)	WB,
	20038797	Rouschop KM et al. The unfolded protein response protects human tumor cells during hypoxia through regulation of the autophagy genes MAP1LC3B and ATG5. J Clin Invest. 120, 127-41 (2010)	WB,
	19736526	Vega-Naredo I et al. Sexual dimorphism of autophagy in Syrian hamster Harderian gland culminates in a holocrine secretion in female glands. Autophagy 5, 1004-17 (2009)	WB,
	19656701	Otomo T et al. Inhibition of autophagosome formation restores mitochondrial function in mucopolipidosis II and III skin fibroblasts. Mol Genet Metab. 98, 393-9 (2009)	WB,
	19616335	Rouschop KM et al. Autophagy is required during cycling hypoxia to lower production of reactive oxygen species. Radiother Oncol. 92, 411-6 (2009)	WB,
	19606230	Vazquez-Martin A et al. Autophagy facilitates the development of breast cancer resistance to the anti-HER2 monoclonal antibody trastuzumab. PLoS One. 4, e6251 (2009)	WB,

## ► Organelle Marker

### ► LC3

#### ► Anti-LC3 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PD014	18658163	Wong HK et al. Blocking acid-sensing ion channel 1 alleviates Huntington's disease pathology via an ubiquitin-proteasome system-dependent mechanism. <i>Hum Mol Genet.</i> 17, 3223-35 (2008)	WB,
	19200898	Vega-Naredo I, Coto-Montes A. Physiological autophagy in the Syrian hamster Harderian gland. <i>Methods Enzymol.</i> 452, 457-76 (2009)	WB,
	19598251	Maycotte P et al. Apoptosis and autophagy in rat cerebellar granule neuron death: Role of reactive oxygen species. <i>J Neurosci Res.</i> 88, 73-85 (2010)	WB,
	23816881	Tsuchiya Y et al. The casein kinase 2-nrf1 axis controls the clearance of ubiquitinated proteins by regulating proteasome gene expression. <i>Mol Cell Biol.</i> 33, 3461-72 (2013)	WB,
	20559548	Jaeger PA et al. Regulation of amyloid precursor protein processing by the Beclin 1 complex. <i>PLoS One</i> 5, e11102 (2010)	WB,IC,
	18190792	Takamura A et al. Enhanced autophagy and mitochondrial aberrations in murine G(M1)-gangliosidosis. <i>Biochem Biophys Res Commun.</i> 367, 616-22 (2008)	WB,IH,
	20392947	Brown JE et al. Essential role of the redox-sensitive kinase p66shc in determining energetic and oxidative status and cell fate in neuronal preconditioning. <i>J Neurosci.</i> 30, 5242-52 (2010)	IC,
	25991860	Kobayashi S et al. BAF is a cytosolic DNA sensor that leads to exogenous DNA avoiding autophagy. <i>PNAS</i> 112, 7027-32 (2015)	IC,
	19907114	Wang J et al. Possible role for external environmental stimuli in nasopharyngeal NK/T-cell lymphomas in the northeast of China with EBV infection-related autophagic cell death: a pathoepidemiological analysis. <i>J Clin Exp Hematop.</i> 49, 97-108 (2009)	IH,
PM036	18849965	Saitoh T et al. Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1beta production. <i>Nature</i> 456, 264-8 (2008)	WB,
	21410794	Katona I et al. Distinct pathogenic processes between Fig4-deficient motor and sensory neurons. <i>Eur J Neurosci.</i> 33, 1401-10 (2011)	WB,
	21460635	Lee EJ, Tournier C. The requirement of uncoordinated 51-like kinase 1 (ULK1) and ULK2 in the regulation of autophagy. <i>Autophagy.</i> 7, 689-95 (2011)	WB,
	21628531	Pan JA et al. Inhibition of protein degradation induces apoptosis through a microtubule-associated protein 1 light chain 3-mediated activation of caspase-8 at intracellular membranes. <i>Mol Cell Biol.</i> 31, 3158-70 (2011)	WB,
	21673516	Huang Y et al. PML-RAR $\alpha$ ; enhances constitutive autophagic activity through inhibiting the Akt/mTOR pathway. <i>Autophagy</i> 7, 1132-44 (2011)	WB,
	21826649	Miranda S et al. Beneficial effects of fenofibrate in retinal pigment epithelium by the modulation of stress and survival signaling under diabetic conditions. <i>J Cell Physiol.</i> 227, 2352-62 (2012)	WB,
	21846724	Otomo T et al. Lysosomal storage causes cellular dysfunction in mucopolipidosis II skin fibroblasts. <i>J Biol Chem.</i> 286, 35283-90 (2011)	WB,
	21976705	Takaesu G et al. TGF $\beta$ -activated kinase 1 (TAK1)-binding proteins (TAB) 2 and 3 negatively regulate autophagy. <i>J Biochem.</i> 151, 157-66 (2012)	WB,
	21997366	Xu T et al. Modulation of autophagic activity by extracellular pH. <i>Autophagy</i> 7, 1316-22 (2011)	WB,
	22241963	Wu SY et al. Ras-related tumorigenesis is suppressed by BNIP3-mediated autophagy through inhibition of cell proliferation. <i>Neoplasia</i> 13, 1171-82 (2011)	WB,
	22294520	Kaini RR et al. Autophagy regulates lipolysis and cell survival through lipid droplet degradation in androgen-sensitive prostate cancer cells. <i>Prostate</i> 72, 1412-22 (2012)	WB,
	22367614	Yu X et al. Differential degradation of full-length and cleaved ataxin-7 fragments in a novel stable inducible SCA7 model. <i>J Mol Neurosci.</i> 47, 219-33 (2012)	WB,
	22391413	Niizuma S et al. Effect of persistent activation of phosphoinositide 3-kinase on heart. <i>Life Sci.</i> 90, 619-28 (2012)	WB,
	27135648	Sano O et al. Vacuolin-1 inhibits autophagy by impairing lysosomal maturation via PIKfyve inhibition. <i>FEBS Lett.</i> 590, 1576-85 (2016)	WB,
	28443637	Sakamoto S et al. Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. <i>Sci Rep.</i> 7, 46668 (2017)	WB,
	28504273	Arasaki K et al. Legionella effector Lpg1137 shuts down ER-mitochondria communication through cleavage of syntaxin 17. <i>Nat Commun.</i> 8, 15406 (2017)	WB,
	28867731	Anzai E et al. FOXA1 Induces E-Cadherin Expression at the Protein Level via Suppression of Slug in Epithelial Breast Cancer Cells. <i>Biol Pharm Bull.</i> 40, 1483-1489 (2017)	WB,
	28900156	Zhao Q et al. Dual Roles of Two Isoforms of Autophagy-related Gene ATG10 in HCV-Subgenomic replicon Mediated Autophagy Flux and Innate Immunity. <i>Sci Rep.</i> 7, 11250 (2017)	WB,



## ► Organelle Marker

### ► LC3

#### ► Anti-LC3 pAb

产品编号	使用文献PMID	使用文献标题	实验方法
PM036	29127187	Sato Y et al. Apobec2 deficiency causes mitochondrial defects and mitophagy in skeletal muscle. <i>FASEB J.</i> 32, 1428-1439 (2018)	WB,
	29241092	Mizunoe Y et al. Trehalose protects against oxidative stress by regulating the Keap1&ndash;Nrf2 and autophagy pathways. <i>Redox Biol.</i> 15, 115-124 (2017)	WB,
	26391567	Botbol Y et al. Common &gamma;-chain cytokine signaling is required for macroautophagy induction during CD4+ T-cell activation. <i>Autophagy</i> 11, 1864-77 (2015)	WB,IP,IC,
	21857502	Yan J et al. Methyl-β-cyclodextrin induces programmed cell death in chronic myeloid leukemia cells and, combined with imatinib, produces a synergistic downregulation of ERK/SPK1 signaling. <i>Anticancer Drugs.</i> 23, 22-31 (2012)	WB,IC,
	21994453	Taguwa S et al. Dysfunction of autophagy participates in vacuole formation and cell death in cells replicating hepatitis C virus. <i>J Virol.</i> 85, 13185-94 (2011)	WB,IC,
	21998456	Rasmussen SB et al. Activation of autophagy by &alpha;-herpesviruses in myeloid cells is mediated by cytoplasmic viral DNA through a mechanism dependent on stimulator of IFN genes. <i>J Immunol.</i> 187, 5268-76 (2011)	WB,IC,
	22264511	Starr T et al. Selective subversion of autophagy complexes facilitates completion of the Brucella intracellular cycle. <i>Cell Host Microbe.</i> 11, 33-45 (2012)	WB,IC,
	22562073	Kaminsky VO et al. Suppression of basal autophagy reduces lung cancer cell proliferation and enhances caspase-dependent and -independent apoptosis by stimulating ROS formation. <i>Autophagy</i> 8, 1032-44 (2012)	WB,IC,
	26420715	Botbol Y, Macian F. Assays for Monitoring Macroautophagy Activity in T cells. <i>Methods Mol Biol.</i> 1343, 143-53 (2015)	WB,IC,
	27129267	Guo JL et al. The Dynamics and Turnover of Tau Aggregates in Cultured Cells: INSIGHTS INTO THERAPIES FOR TAUOPATHIES. <i>J Biol Chem.</i> 291, 13175-93 (2016)	WB,IC,
	28704514	Ono A et al. Feedback activation of AMPK-mediated autophagy acceleration is a key resistance mechanism against SCD1 inhibitor-induced cell growth inhibition. <i>PLoS One.</i> 12, e0181243 (2017)	WB,IC,
	28924380	Meng XH et al. Intracellular Insulin and Impaired Autophagy in a Zebrafish model and a Cell Model of Type 2 diabetes. <i>Int J Biol Sci.</i> 13, 985-995 (2017)	WB,IC,
	29146903	Lee PP et al. Wiskott-Aldrich syndrome protein regulates autophagy and inflammasome activity in innate immune cells. <i>Nat Commun.</i> 8, 1576 (2017)	WB,IC,
	29162837	Yanagisawa H et al. L-leucine and SPNS1 coordinately ameliorate dysfunction of autophagy in mouse and human Niemann-Pick type C disease. <i>Sci Rep.</i> 7, 15944 (2017)	WB,IC,
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