



HASP Monoclonal Antibody

Catalog No	BYmab-05007
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GSG2
Protein Name	Serine/threonine-protein kinase haspin (EC 2.7.11.1) (Germ cell-specific gene 2 protein) (H-haspin) (Haploid germ cell-specific nuclear protein kinase)
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	HASP Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	87kD
Cell Pathway	Nucleus . Chromosome . Cytoplasm, cytoskeleton, spindle . Nuclear during interphase and associates with the chromosomes and spindle apparatus during mitosis.
Tissue Specificity	Strongly expressed in testis. Also present in thymus and bone marrow and low levels observed in prostate, intestine, lung, spleen and lymph node. Expressed in fetal skin, liver, kidney and small intestine and also in proliferating but not non-proliferating cell lines.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Required for normal alignment of chromosomes at metaphase. Phosphorylates histone H3 'Thr-3' during mitosis.,PTM:Autophosphorylated on both serine and threonine residues (By similarity). Phosphorylated during mitosis. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Haspin subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Strongly expressed in testis. Also present in

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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images