



PSPH1 Mouse mAb

Catalog No	YP-mAb-19315
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PSPH
Protein Name	Phosphoserine phosphatase (PSP) (PSPase) (L-3-phosphoserine phosphatase) (O-phosphoserine phosphohydrolase)
Immunogen	Synthesized peptide derived from human PSPH
Specificity	This antibody detects endogenous levels of PSPH at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from rabbit 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	
Calculated Molecular Weight	25kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	
Function	Catalyzes the last irreversible step in the biosynthesis of L-serine from carbohydrates, the dephosphorylation of O-phospho-L-serine to L-serine . L-serine can then be used in protein synthesis, to produce other amino acids, in nucleotide metabolism or in glutathione synthesis, or can be racemized to D-serine, a neuromodulator . May also act on O-phospho-D-serine (Probable).
Background	
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