



# PRKCDBP Mouse mAb

<b>Catalog No</b>	YP-mAb-18854
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB
<b>Gene Name</b>	PRKCDBP SRBC
<b>Protein Name</b>	Protein kinase C delta-binding protein (Cavin-3) (Serum deprivation response factor-related gene product that binds to C-kinase) (hSRBC)
<b>Immunogen</b>	Synthesized peptide derived from human PRKCDBP
<b>Specificity</b>	This antibody detects endogenous levels of PRKCDBP at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal,Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	29kD
<b>Cell Pathway</b>	Cytoplasm . Membrane, caveola . Cytoplasm, cytosol . Localizes in the caveolae in a caveolin-dependent manner. .
<b>Tissue Specificity</b>	Skeletal muscle, liver, stomach, lung, kidney and heart (at protein level). Strongly expressed in mammary and epithelial cells.
<b>Function</b>	Regulates the traffic and/or budding of caveolae . Plays a role in caveola formation in a tissue-specific manner. Required for the formation of caveolae in smooth muscle but not in the lung and heart endothelial cells. Regulates the equilibrium between cell surface-associated and cell surface-dissociated caveolae by promoting the rapid release of caveolae from the cell surface. Plays a role in the regulation of the circadian clock. Modulates the period length and phase of circadian gene expression and also regulates expression and interaction of the core clock components PER1/2 and CRY1/2 (By similarity).
<b>Background</b>	

**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**