



PDE8A mouse mAb

Catalog No	YP-mAb-18177
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PDE8A
Immunogen	Synthesized peptide derived from human PDE8A
Specificity	This antibody detects endogenous levels of PDE8A at Human, Mouse
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 mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HsT19550;PDE8A;phosphodiesterase 8A;High affinity cAMP-specific and IBMX-insensitive 3';5'-cyclic phosphodiesterase 8A (EC 3.1.4.17)
Observed Band	93 kDa, 88 kDa
Calculated Molecular Weight	93 kDa
Cell Pathway	Expressed in most tissues except thymus and peripheral blood leukocytes. Highest levels in testis, ovary, small intestine and colon.
Tissue Specificity	
Function	Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes . May be involved in maintaining basal levels of the cyclic nucleotide and/or in the cAMP regulation of germ cell development . Binding to RAF1 reduces RAF1 'Ser-259' inhibitory-phosphorylation and stimulates RAF1-dependent EGF-activated ERK-signaling . Protects against cell death induced by hydrogen peroxide and staurosporine .
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