



PNMT mouse mAb

Catalog No	YP-mAb-08893
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	PNMT PENT
Protein Name	PNMT
Immunogen	Synthesized peptide derived from human PNMT AA range: 96-146
Specificity	This antibody detects endogenous levels of PNMT 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 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	
Observed Band	
Cell Pathway	cytosol,
Tissue Specificity	
Function	catalytic activity:S-adenosyl-L-methionine + phenylethanolamine = S-adenosyl-L-homocysteine + N-methylphenylethanolamine.,function:Converts noradrenaline to adrenaline.,pathway:Catecholamine biosynthesis; epinephrine biosynthesis; epinephrine from norepinephrine: step 1/1.,similarity:Belongs to the NNMT/PNMT/TEMT family.,
Background	The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012],
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