



DPEP1 Mouse mAb

Catalog No	YP-mAb-18756
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DPEP1 MDP RDP
Immunogen	Synthesized peptide derived from human DPEP1
Specificity	This antibody detects endogenous levels of DPEP1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	MDP;RDP;MBD1;DPEP1;DPEP1 MDP RDP;Dipeptidase 1 (Dehydropeptidase-I) (Microsomal dipeptidase) (Renal dipeptidase) (hRDP)
Observed Band	46 kDa/58 kDa
Calculated Molecular Weight	46 kDa
Cell Pathway	Apical cell membrane ; Lipid-anchor, GPI-anchor . Cell projection, microvillus membrane ; Lipid-anchor, GPI-anchor . Brush border membrane. .
Tissue Specificity	Expressed in lung and kidneys.
Function	Hydrolyzes a wide range of dipeptides including the conversion of leukotriene D4 to leukotriene E4 . Hydrolyzes cystinyl-bis-glycine (cys-bis-gly) formed during glutathione degradation (By similarity). Possesses also beta lactamase activity and hydrolytically inactivates beta-lactam antibiotics . ; Independently of its dipeptidase activity, acts as an adhesion receptor for neutrophil recruitment from bloodstream into inflamed lungs and liver.
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