



## DPEP1 Mouse mAb

<b>Catalog No</b>	YP-mAb-18756
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	DPEP1 MDP RDP
<b>Protein Name</b>	Dipeptidase 1 (Dehydropeptidase-I) (Microsomal dipeptidase) (Renal dipeptidase) (hRDP)
<b>Immunogen</b>	Synthesized peptide derived from human DPEP1
<b>Specificity</b>	This antibody detects endogenous levels of DPEP1 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	
<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>	45kD
<b>Cell Pathway</b>	Apical cell membrane ; Lipid-anchor, GPI-anchor . Cell projection, microvillus membrane ; Lipid-anchor, GPI-anchor . Brush border membrane. .
<b>Tissue Specificity</b>	Expressed in lung and kidneys.
<b>Function</b>	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.
<b>Background</b>	
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images