



ENTPD5 Mouse mAb

Catalog No	YP-mAb-19336
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ENTPD5 CD39L4 PCPH
Immunogen	Synthesized peptide derived from human ENTPD5. AA range:140-210
Specificity	This antibody detects endogenous levels of ENTPD5 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RPL9 OK/SW-cl.103;RPL9P7;RPL9P8;RPL9P9;60S ribosomal protein L9; ENTPD5 CD39L4 PCPH;Ectonucleoside triphosphate diphosphohydrolase 5 (NTPDase 5) (CD39 antigen-like 4) (ER-UDPase) (Guanosine-diphosphatase ENTPD5) (GDPase ENTPD5) (Nucleoside diphosphatase) (Uridine-diphosphatase ENTPD5) (UDPase ENTPD5)
Observed Band	
Calculated Molecular Weight	21kD
Cell Pathway	Endoplasmic reticulum . Secreted .
Tissue Specificity	Expressed in adult liver, kidney, prostate, testis and colon. Much weaker expression in other tissues.
Function	Hydrolyzes nucleoside diphosphates with a preference for GDP, IDP and UDP compared to ADP and CDP . In the lumen of the endoplasmic reticulum, hydrolyzes UDP that acts as an end-product feedback inhibitor of the UDP-Glc:glycoprotein glucosyltransferases. UMP can be transported back by an UDP-sugar antiporter to the cytosol where it is consumed to regenerate UDP-glucose. Therefore, it positively regulates protein reglucosylation by clearing UDP from the ER lumen and by promoting the regeneration of UDP-glucose. Protein reglucosylation is essential to proper glycoprotein folding and quality control in



the ER (By similarity).

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