ENTK (light chain, Cleaved-Ile785) mouse mAb

Catalog No	YP-mAb-02307
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TMPRSS15 ENTK PRSS7
Protein Name	ENTK (light chain, Cleaved-Ile785)
Immunogen	Synthesized peptide derived from human ENTK (light chain, Cleaved-Ile785)
Specificity	This antibody detects endogenous levels of Human ENTK (light chain, Cleaved-Ile785, protein was cleaved amino acid sequence between 785-786)
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	Enteropeptidase (EC 3.4.21.9;Enterokinase;Serine protease 7;Transmembrane protease serine 15) [Cleaved into: Enteropeptidase non-catalytic heavy chain; Enteropeptidase catalytic light chain]
Observed Band	26kD
Cell Pathway	Membrane ; Single-pass type II membrane protein .
Tissue Specificity	Intestinal brush border.
Function	proteolysis,
Background	catalytic activity:Activation of trypsinogen by selective cleavage of 6-Lys-|-Ile-7 bond.,disease:Defects in PRSS7 are a cause of enterokinase deficiency [MIM:226200]; a life-threatening intestinal malabsorption disorder characterized by diarrhea and failure to thrive.,function:Responsible for initiating activation of pancreatic proteolytic proenzymes (trypsin, chymotrypsin and carboxypeptidase A). It catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, and proelastases.,PTM:The chains are derived from a single precursor that is cleaved by a trypsin-like protease.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 MAM domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SEA domain.,similarity:Contains 1 SRCR

	domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 LDL-receptor class A domains.,subunit:Heterodimer of a catalytic (light) chain and a multidomain (heavy) chain linked by a disulfide bond.,tissue specificity:Intestinal brush border.,
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.

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