



CATK mouse mAb

Catalog No	YP-mAb-12508
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CTSK CTSO CTSO2
Immunogen	Synthesized peptide derived from human CATK
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat CATK
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	CTSK;Cathepsin X;catK;CTSO;CTSO2;CTSK CTSO CTSO2;Cathepsin K (EC 3.4.22.38;Cathepsin O;Cathepsin O2;Cathepsin X)
Observed Band	27 kDa, 38~46 kDa
Calculated Molecular Weight	39 kDa
Cell Pathway	Lysosome . Secreted . Apical cell membrane ; Peripheral membrane protein ; Extracellular side . Localizes to the lumen of thyroid follicles and to the apical membrane of thyroid epithelial cells. .
Tissue Specificity	Predominantly expressed in osteoclasts (bones) (PubMed:7805878). Expressed in thyroid epithelial cells (PubMed:11082042).
Function	
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.



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