



Cathepsin H Monoclonal Antibody

Catalog No	BYmab-02282
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CTSH
Protein Name	Pro-cathepsin H
Immunogen	Synthesized peptide derived from Cathepsin H . at AA range: 220-300
Specificity	Cathepsin H Monoclonal Antibody detects endogenous levels of Cathepsin H protein.
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	CTSH; CPSB; Pro-cathepsin H
Observed Band	40kD
Cell Pathway	Lysosome.
Tissue Specificity	Cartilage, Eye, Kidney, Liver, Lung, Salivary gland,
Function	catalytic activity:Hydrolysis of proteins, acting as an aminopeptidase (notably, cleaving Arg-[Xaa bonds) as well as an endopeptidase.,function:Important for the overall degradation of proteins in lysosomes.,similarity:Belongs to the peptidase C1 family.,subunit:Composed of a mini chain and a large chain. The large chain may be split into heavy and light chain. All chains are held together by disulfide bonds.,
Background	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased

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expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016],

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