

Cathepsin B Rabbit mAb

Catalog # AP76844

Specification

Cathepsin B Rabbit mAb - Product Information

Application WB, ICC
Primary Accession P10605
Reactivity Mouse, Rat
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 37280

Cathepsin B Rabbit mAb - Additional Information

Gene ID 13030

Other Names

Ctsb

Dilution

WB~~1/500-1/1000

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Cathepsin B Rabbit mAb - Protein Information

Name Ctsb

Function

Thiol protease which is believed to participate in intracellular degradation and turnover of proteins (By similarity). Cleaves matrix extracellular phosphoglycoprotein MEPE (By similarity). Involved in the solubilization of cross-linked TG/thyroglobulin in the thyroid follicle lumen (PubMed:12782676). Has also been implicated in tumor invasion and metastasis (By similarity).

Cellular Location

Lysosome. Melanosome {ECO:0000250|UniProtKB:P07858}. Secreted, extracellular space. Apical cell membrane; Peripheral membrane protein; Extracellular side. Note=Localizes to the lumen of thyroid follicles and to the apical membrane of thyroid epithelial cells

Tissue Location

Expressed in thyroid epithelial cells.



Cathepsin B Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cathepsin B Rabbit mAb - Images



