

**Cathepsin B Rabbit mAb**  
**Catalog # AP76844****Specification**

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**Cathepsin B Rabbit mAb - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P10605</a>
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**

Liquid

**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:<a href="http://www.uniprot.org/citations/12782676" target="\_blank">12782676</a>). 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Cathepsin B Rabbit mAb - Images

