

Mast Cell Tryptase Rabbit mAb
Catalog # AP76944**Specification**

Mast Cell Tryptase Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	Q15661
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30515

Mast Cell Tryptase Rabbit mAb - Additional Information**Gene ID** 7177**Other Names**

TPSAB1

Format

Liquid

Mast Cell Tryptase Rabbit mAb - Protein Information**Name** TPSAB1**Synonyms** TPS1, TPS2, TPSB1**Function**

Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity. Isoform 2 cleaves large substrates, such as fibronectin, more efficiently than isoform 1, but seems less efficient toward small substrates (PubMed:18854315).

Cellular Location

Secreted. Note=Released from the secretory granules upon mast cell activation.

Tissue Location

Isoform 1 and isoform 2 are expressed in lung, stomach, spleen, heart and skin; in these tissues, isoform 1 is predominant. Isoform 2 is expressed in aorta, spleen, and breast tumor, with highest levels in the endothelial cells of some blood vessels surrounding the aorta, as well as those surrounding the tumor and low levels, if any, in mast cells (at protein level)

Mast Cell Tryptase 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](#)

Mast Cell Tryptase Rabbit mAb - Images