

Mast Cell Tryptase Rabbit mAb

Catalog # AP76944

Specification

Mast Cell Tryptase Rabbit mAb - Product Information

Application WB, IHC-P, IP **Primary Accession** 015661

Reactivity Human, Mouse, Rat Host

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

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).

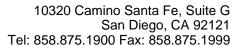
Cellular Location

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mast Cell Tryptase Rabbit mAb - Images