

Mouse anti-Human, Mouse Mast cell tryptase Monoclonal Antibody | anti-TPSAB1 antibody

Human Mast cell tryptase (PT2024) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319059	Mouse	Human, Mouse	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

Mast cell tryptase; Monoclonal Antibody; Human Mast cell tryptase (PT2024) Mouse Monoclonal Antibody; BH6842; Tryptase alpha/beta-1 (Tryptase-1)(EC 3.4.21.59)(Tryptase I)(Tryptase alpha-1); anti-TPSAB1 antibody

PRODUCT SPECIFICATIONS

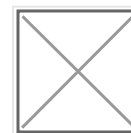
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Mouse/IgG1, Kappa
Specificity	The antibody detects endogenous levels of human Mast cell tryptase. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-TPSAB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Mast cell tryptase
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



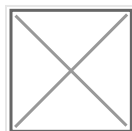
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Liomyoma. 1. Antibody was diluted at 1:200(4 degree overnight). 2. Citrate buffer of pH6.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



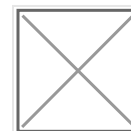
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Tonsil. 1. Antibody was diluted at 1:200(4 degree overnight). 2. Citrate buffer of pH6.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Uterus. 1. Antibody was diluted at 1:200(4 degree overnight). 2. Citrate buffer of pH6.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Uterus. 1. Antibody was diluted at 1:200(4 degree overnight). 2. Citrate buffer of pH6.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil Antibody was diluted at 1:200(4 degree overnight).

ADDITIONAL INFORMATION

Related Product Information for anti-TPSAB1 antibody	tryptase alpha/beta 1 (TPSAB1) Homo sapiens. Tryptases comprise a family of trypsin-like serine proteases, the peptidase family S1. Tryptases are enzymatically active only as heparin-stabilized tetramers, and they are resistant to all known endogenous proteinase inhibitors. Several tryptase genes are clustered on chromosome 16p13.3. These genes are characterized by several distinct features. They have a highly conserved 3' UTR and contain tandem repeat sequences at the 5' flank and 3' UTR which are thought to play a role in regulation of the mRNA stability. These genes have an intron immediately upstream of the initiator Met codon, which separates the site of transcription initiation from protein coding sequence. This feature is characteristic of tryptases but is unusual in other genes. The alleles of this gene exhibit an unusual amount of sequence variation, such that the alleles were once thought to represent two separate gene
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1182067
NCBI GeneID	7177
UniProt Accession #	Q15661; P15157; Q15663; Q6B052; Q9H2Y4; Q9H2Y5; Q9UQI1; D2E6R9; D2E6S1
Molecular Weight	30,515 Da
NCBI Official Full Name	tryptase
NCBI Official Synonym Full Names	tryptase alpha/beta 1
NCBI Official Symbol	TPSAB1
NCBI Official Synonym Symbols	TPS1; TPS2; TPSB1
NCBI Protein Information	tryptase alpha/beta-1; tryptase I; tryptase-1; tryptase-I; tryptase-III; tryptase beta 1; tryptase beta I; tryptase beta-1; tryptase alpha-1; tryptase alpha II; mast cell beta I tryptase; mast cell alpha II tryptase
UniProt Protein Name	Tryptase alpha/beta-1
UniProt Gene Name	TPSAB1
UniProt Synonym Gene Names	TPS1; TPS2; TPSB1; Tryptase-1
UniProt Entry Name	TRYB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mast-cell-tryptase-antibody-immunofluorescence-immunohistochemistry-elisa/319059>