

Mouse anti-Human Tryptase alpha/beta Monoclonal Antibody | anti-TPSAB1 antibody

Anti-Tryptase alpha/beta Antibody

CATALOG # AAA293409	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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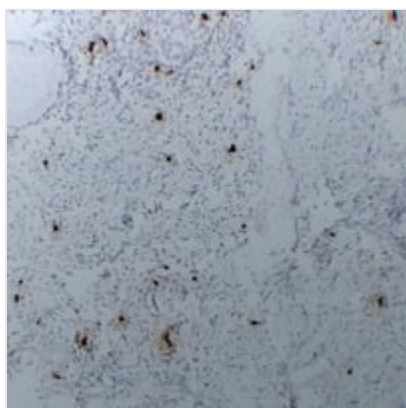
PRODUCT SYNONYMS

Tryptase alpha/beta; Monoclonal Antibody; Anti-Tryptase alpha/beta Antibody; TPS1; TPS2; TPSB1; Tryptase alpha/beta-1; Tryptase-1; Tryptase I; Tryptase alpha-1; anti-TPSAB1 antibody

PRODUCT SPECIFICATIONS

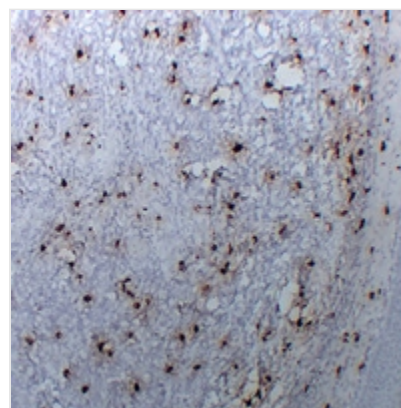
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Tryptase alpha/beta protein.
Applicable Applications for anti-TPSAB1 antibody	IHC (Immunohistochemistry)
Cellular Location	Secreted. Note=Released from the secretory granules upon mast cell activation.
Tissue 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)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



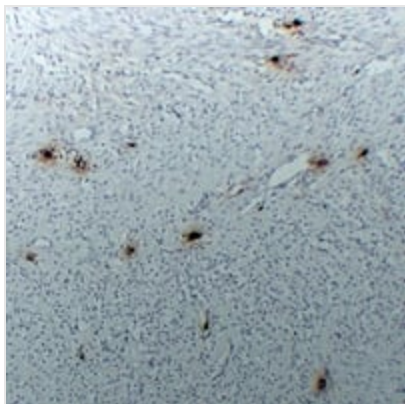
IP (Immunoprecipitation)

Dilution: IH (1/100 - 1/300)



IF (Immunofluorescence)

Dilution: IF IH (1/100 - 1/300)Immunohistochemical analysis of Tryptase alpha/beta staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IHC (Immunohistochemistry)

Dilution: IH: (1/100 - 1/300)Immunohistochemical analysis of Tryptase alpha/beta staining in human liomyoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-TPSAB1 antibody	Mouse monoclonal antibody to Tryptase alpha/beta KLH-conjugated synthetic peptide encompassing a sequence within human Tryptase alpha/beta. The exact sequence is proprietary.
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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/tryptase-alpha-beta-antibody-immunohistochemistry-elisa/293409>