

Mouse anti-Human TPSAB1 Monoclonal Antibody | anti-TPSAB1 antibody

TPSAB1 Mouse Monoclonal

CATALOG # AAA27494	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TPSAB1; Monoclonal Antibody; TPSAB1 Mouse Monoclonal; MCP7; TPS1; TPS2; TPSB1; Tryptase 1; tryptase alpha/beta 1; Tryptase beta 1; Tryptase I; anti-TPSAB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9D8
Purity/Purification	≥95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3,
Sequence Length	275
Applicable Applications for anti-TPSAB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB: 1:500-1:5000 IHC: 1:20-1:200
Immunogen	Tryptase alpha/beta 1
Preparation and Storage	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

human kidney tissue were subjected to SDS PAGE followed by western blot with AAA27494 (TPSAB1 Antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using AAA27494 (TPSAB1 Antibody) at dilution of 1:500. Heat mediated antigen retrieved with Citric acid buffer, pH6.0

ADDITIONAL INFORMATION

Related Product Information for anti-TPSAB1 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13775595
NCBI GeneID	7177
NCBI Accession #	NP_003285.2
NCBI GenBank Nucleotide #	NM_003294.3
Molecular Weight	31 kDa
NCBI Official Full Name	tryptase alpha/beta-1
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
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/tpsab1-antibody-clone-9d8-immunohistochemistry-western-blot-elisa/27494>