

Product Datasheet

Tryptase alpha/beta 1 Antibody (TPSAB1/1963) - Azide and BSA Free **NBP3-08649**

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08649

Tryptase alpha/beta 1 Antibody (TPSAB1/1963) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TPSAB1/1963
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

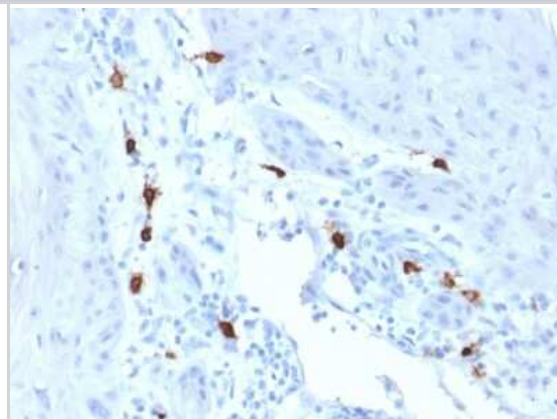
Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07698).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	7177
Gene Symbol	TPSAB1
Species	Human
Marker	Mast Cell Marker
Specificity/Sensitivity	<p>This antibody reacts with mast cells distributed in skin, synovium, lung, and heart. This antibody does not bind with any other cell type. Human mast cell tryptase is considered to be an important marker of mast cell activation and is an important mediator of inflammation. Mastocytosis is a term collectively used for a group of disorders in which there is abnormal accumulation of mast cells in one or multiple organs. Anti-tryptase, combined with anti-CD2, anti-CD25, and anti-CD117, can be useful in identifying reactive mast cell hyperplasia, myelogenous neoplasms, mast cell leukemia, and mastocytosis.</p> <p>Due to sequence identity this antibody will likely cross react with tryptase beta 2.</p>
Immunogen	Recombinant human Tryptase alpha/TPS1 protein fragment (around aa 115-233) (Exact sequence is proprietary) (Uniprot: Q15661)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

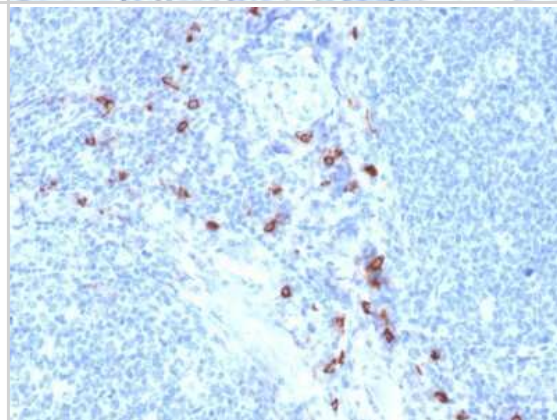


Images

Immunohistochemistry-Paraffin: Tryptase alpha/TPS1 Antibody (TPSAB1/1963) - Azide and BSA Free [NBP3-08649] - Formalin-fixed, paraffin-embedded human Skin stained with Tryptase alpha/TPS1 Mouse Monoclonal Antibody (TPSAB1/1963).



Immunohistochemistry-Paraffin: Tryptase alpha/TPS1 Antibody (TPSAB1/1963) - Azide and BSA Free [NBP3-08649] - Formalin-fixed, paraffin-embedded human Tonsil stained with Tryptase alpha/TPS1 Mouse Monoclonal Antibody (TPSAB1/1963).





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Products Related to NBP3-08649

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-61189-50ug	Recombinant Human Tryptase alpha/beta 1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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