

# Product Datasheet

## **Tryptase alpha/beta 1 Antibody (TPSAB1/1963) [Janelia Fluor® 646] NBP3-08649JF646**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08649JF646**

Tryptase alpha/beta 1 Antibody (TPSAB1/1963) [Janelia Fluor® 646]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	TPSAB1/1963
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
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)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08649JF646**

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NBP2-61189-50ug	Recombinant Human Tryptase alpha/beta 1 His Protein
203-IL-010	IL-3 [Unconjugated]
NBP2-08022	Tryptase alpha/beta 1 Overexpression Lysate
255-SC-010	SCF/c-kit Ligand [Unconjugated]

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### **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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