

Tryptase (Mast Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone TPSAB1/1962]

Catalog No	Format	Size
7177-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7177-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7177-MSM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	TPSAB1/1962
Immunogen	Recombinant fragment (around aa 115-233) of human TPSAB1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	30.51kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Isoform 1 and isoform 2 are expressed in lung, stomach, spleen, heart and skin

**Optimal dilution for a specific application should be determined.*

Product Images for Tryptase (Mast Cell Marker) Antibody

Specificity & Comments

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).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.