Recombinant Tryptase (Mast Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone TPSAB1/16913R]

Catalog No	Format	Size
7177-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7177-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7177-RBM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

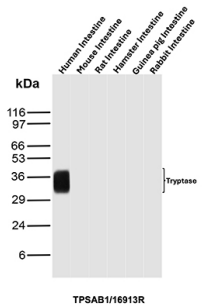
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	TPSAB1/16913R
Immunogen	Recombinant fragment (around aa115-233) of the human Tryptase protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / 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 Recombinant Tryptase (Mast Cell Marker) Antibody



Western blot analysis of human intestine tissue lysates using TPSAB1 Recombinant Rabbit Monoclonal Antibody (TPSAB1/16913R).

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 produced in a mammalian-based expression system. 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.