

AM08408PU-N**Monoclonal Antibody to Tryptase alpha/beta-1 - Purified**

Alternate names:	Mast Cell Tryptase, TPS1, TPS2, TPSAB1, TPSB1, Tryptase I, Tryptase-1
Quantity:	50 µg
Concentration:	1 mg/ml
Background:	Mast cells contain a number of preformed chemical mediators such as histamine, chymase, carboxypeptidase and proteolytic tryptase. Human Mast Cell Tryptase is considered to be an important marker of mast cell activation as well as an important mediator of inflammation
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	3H2643
Immunogen:	Human Mast Cell Tryptase purified from Human lung tissue.
Format:	State: Liquid purified Ig fraction Purification: Protein G Chromatography Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative
Applications:	ELISA. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Human Mast Cell Tryptase, both alpha and beta isoforms. The antibody is an excellent marker for Mast Cells and does not bind to any other cell type in Immunohistochemistry.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Feline (Cat), Canine (Dog) and Monkey.
Storage:	Store the antibody undiluted at 2-8°C for one month or (Add 40-50% Glycerol) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Lung: Formalin-Fixed Paraffin-Embedded (FFPE)

