Tryptase (Mast Cell) antibody [AA1]

Mouse monoclonal [AA1] to Mast Cell Tryptase

Catalog Number: ab2378

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.

Specificity: This antibody reacts with mast cells distributed in skin, synovium, lung and heart. It does not bind with any other cell type.

Immunogen: Purified human lung Tryptase

Cellular Localization: Cytoplasmic

Host: Mouse

Clone Name: AA1

Isotype: IgG1

Species Reactivity: Cross-reacts with Human, Dog, Cat and Monkey. Not yet tested in other species.

Uses and Dilutions: IHC: This antibody may be diluted to a titer of 1:100-1:200 in an ABC method. We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation conditions and antibody dilutions should be determined by the user. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

Positive Control: Tonsil

Form: 500 microlitres Liquid

Storage Buffer: PBS with sodium azide

Storage: Store at 4-8 degrees C. Do not use beyond the expiration date stated on the label.

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis.