

Product datasheet

Anti-Mast Cell Tryptase antibody [AA1], prediluted ab74506

[4 References](#) [1 Image](#)

Overview

Product name	Anti-Mast Cell Tryptase antibody [AA1], prediluted
Description	Mouse monoclonal [AA1] to Mast Cell Tryptase, prediluted
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Cat, Dog, Human, Monkey
Immunogen	Full length Human Mast Cell Tryptase purified from lung tissue.
Positive control	Human tonsil tissue.
General notes	ab75406 is an excellent marker for Mast cells, and does not bind to any other cell type in IHC.

Properties

Form	Prediluted
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: 0.5M Tris HCl, stabilizing protein, pH 7.6
Purity	Protein G purified
Purification notes	ab74506 was purified from ascites fluid.
Primary antibody notes	ab75406 is an excellent marker for Mast cells, and does not bind to any other cell type in IHC.
Clonality	Monoclonal
Clone number	AA1
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab74506** in the following tested applications.

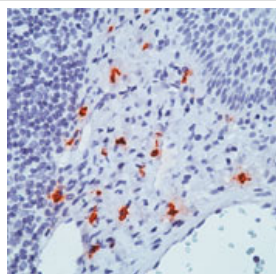
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Ready-to-Use. Boil tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

Target

Relevance	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.
Cellular localization	Secreted. Note: released from the secretory granules upon mast cell activation.

Images



Formalin-fixed, paraffin-embedded human tonsil stained with ab74506 using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of mast cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mast Cell Tryptase antibody [AA1], prediluted (ab74506)

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