

Product datasheet

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

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

Overview

---

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

Properties

---

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

Applications

---

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

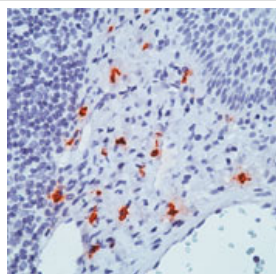
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

<b>Relevance</b>	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.
<b>Cellular localization</b>	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)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors