

**CMA1 / MCT1 / Chymase Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13185****Specification**

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**CMA1 / MCT1 / Chymase Antibody (Internal) - Product Information**

Application	IHC
Primary Accession	<a href="#">P23946</a>
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	27kDa KDa

**CMA1 / MCT1 / Chymase Antibody (Internal) - Additional Information****Gene ID** 1215**Other Names**

Chymase, 3.4.21.39, Alpha-chymase, Mast cell protease I, CMA1, CYH, CYM

**Target/Specificity**

Human CMA1 / Mast Cell Chymase.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

CMA1 / MCT1 / Chymase Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**CMA1 / MCT1 / Chymase Antibody (Internal) - Protein Information****Name** CMA1**Synonyms** CYH, CYM**Function**

Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion.

**Cellular Location**

Secreted. Cytoplasmic granule. Note=Mast cell granules

**Tissue Location**

Mast cells in lung, heart, skin and placenta. Expressed in both normal skin and in urticaria pigmentosa lesions

**Volume**

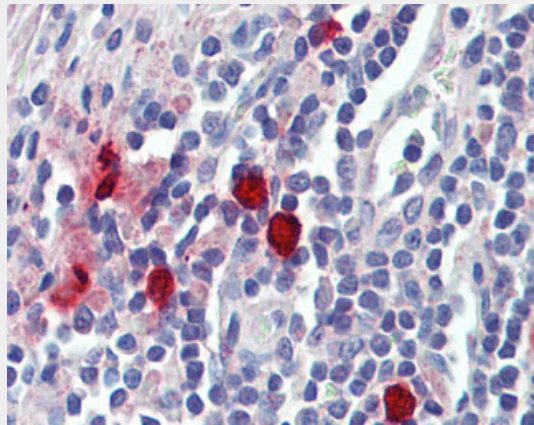
50  $\mu$ l

### **CMA1 / MCT1 / Chymase Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CMA1 / MCT1 / Chymase Antibody (Internal) - Images**



Anti-Mast Cell Chymase antibody IHC of human tonsil, mast cells.

### **CMA1 / MCT1 / Chymase Antibody (Internal) - Background**

Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion.

### **CMA1 / MCT1 / Chymase Antibody (Internal) - References**

- Caughey G.H., et al. J. Biol. Chem. 266:12956-12963(1991).  
Urata H., et al. J. Biol. Chem. 266:17173-17179(1991).  
Schechter N.M., et al. J. Immunol. 152:4062-4069(1994).  
Goshima N., et al. Nat. Methods 5:1011-1017(2008).  
Heilig R., et al. Nature 421:601-607(2003).