

Mouse anti-Human Mast Cell Chymase Monoclonal Antibody | anti-CMA1 antibody

Mast Cell Chymase

CATALOG # AAA14653	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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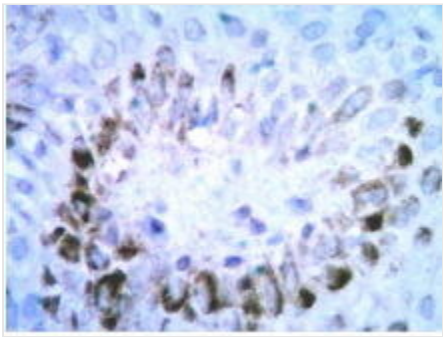
PRODUCT SYNONYMS

Mast Cell Chymase; Monoclonal Antibody; Mouse anti-Human Mast Cell Chymase; anti-CMA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2Q1505
Specificity	Recognizes human mast cell chymase (27kD)
Purity/Purification	Purified by Protein G affinity chromatography
Form/Format	Supplied as a liquid in 0.1M Tris-glycine, pH 7.4, 0.15M sodium chloride, 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-CMA1 antibody	IHC (Immunohistochemistry)
Application Notes	Immunohistochemistry (paraffin): 1:100. Heat induced epitope retrieval with citrate buffer, pH 6.0 is recommended. Optimal dilutions to be determined by researcher.
Immunogen	Purified Mast Cell Chymase from human skin.
Positive Control	Human skin tissue
Grade	Affinity purified
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



IHC (Immunohistochemistry)
High magnification: Paraffin-embedded human skin tissue was prepared using heat-induced epitope retrieval in citrate buffer, pH 6.0. Immunostaining was performed using a 1:100 dilution of AAA14653. Cells lining up under the epidermis consist of numerous mast cells (The dermis has a moderate diffuse inflammatory cell infiltrate).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CMA1 antibody	Antibodies; Abs to Cell Markers
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NCBI AND UNIPROT INFORMATION

NCBI GI #	180542
NCBI GeneID	1215
UniProt Accession #	P23946; Q16018; Q3SY36; Q9UDH5; B5BUM8; Q3SY37; Q4FEB3; Q4FEB5
Molecular Weight	27kD
NCBI Official Full Name	mast cell chymase
NCBI Official Synonym Full Names	chymase 1, mast cell
NCBI Official Symbol	CMA1
NCBI Official Synonym Symbols	CYH; MCT1; chymase; MGC119890; MGC119891
NCBI Protein Information	chymase; alpha-chymase; chymase, heart; OTTHUMP00000178751; chymase, mast cell; mast cell protease I; chymase 1 preproprotein transcript E; chymase 1 preproprotein transcript I
UniProt Protein Name	Chymase
UniProt Gene Name	CMA1
UniProt Synonym Gene Names	CYH; CYM
UniProt Entry Name	CMA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/mast-cell-chymase-antibody-clone-2q1505-immunohistochemistry-elisa/14653>