

Product Datasheet

Chymase/CMA1/Mast Cell Chymase Antibody - BSA Free NBP2-33660

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

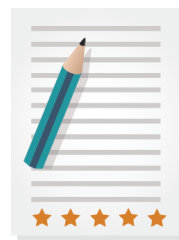
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NBP2-33660

Chymase/CMA1/Mast Cell Chymase Antibody - BSA Free

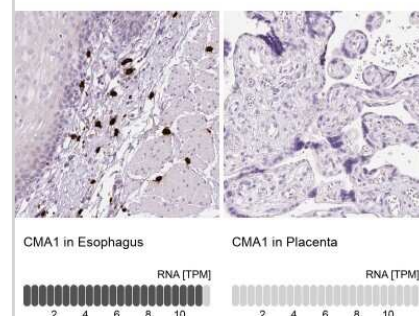
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Chymase/CMA1/Mast Cell Chymase Antibody - BSA Free (NBP2-33660) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Chymase/CMA1/Mast Cell Chymase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1215
Gene Symbol	CMA1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GRTGVLPKPGSDTLQEVKLRLMDPQACSHFRDFDHNQLQCVGNPRKTKSAFKG DS

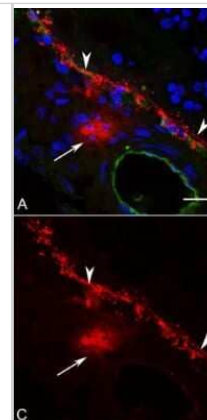
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID : 29164232), Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

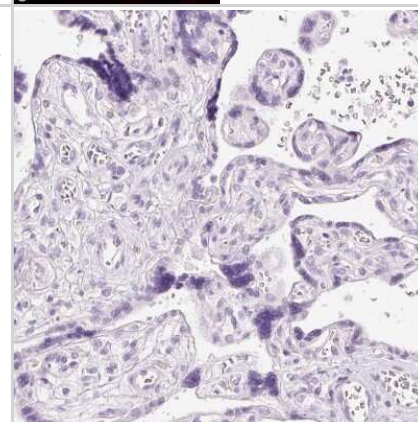
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Analysis in human esophagus and placenta tissues. Corresponding Chymase/CMA1/Mast Cell Chymase RNA-seq data are presented for the same tissues.



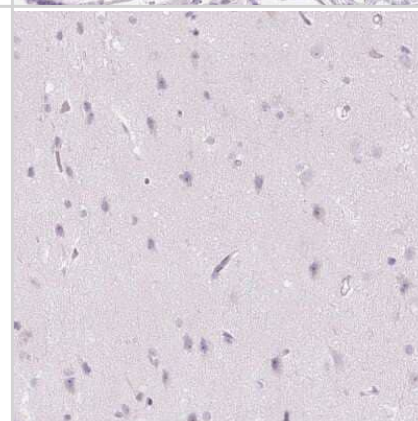
Immunocytochemistry/Immunofluorescence: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Aged control whole mount choroid immunolabeled for (A) UEA lectin (blue), (B) tryptase (red), and (C) chymase (green). The vast majority of human choroidal MCs are of the MCT phenotype (tryptase+/chymase-). Only a small percentage of MCs are MCtc (tryptase+/chymase+) (arrows). Scale bar: 30 um. Image collected and cropped by CiteAb from the following publication (<https://iovs.arvojournals.org/article.aspx?doi=10.1167/iovs.17-22989>), licensed under a CC-BY license.



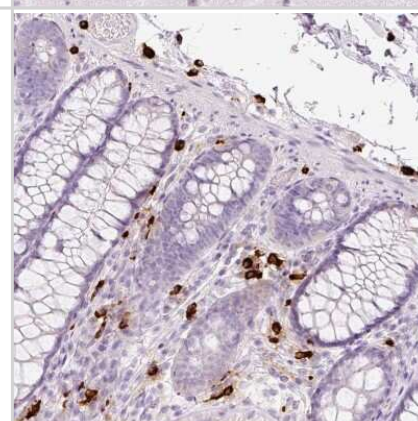
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



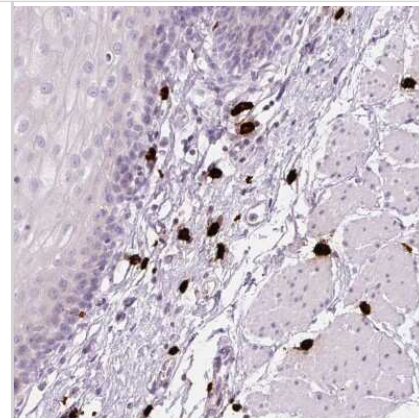
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Staining of human cerebral cortex shows no positivity in neurons as expected.



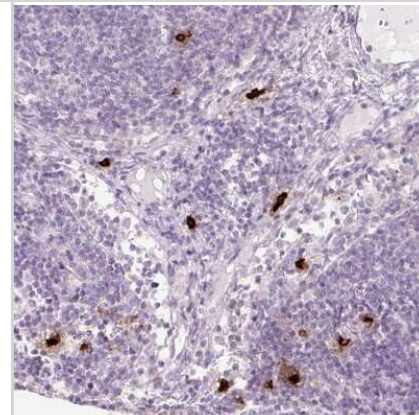
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Staining of human colon shows strong cytoplasmic positivity in mast cell.



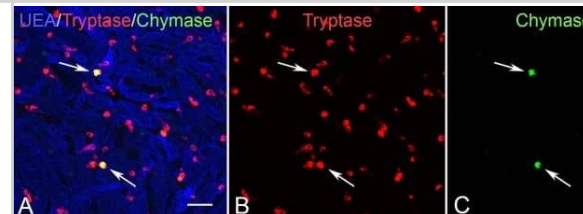
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Staining of human esophagus shows strong cytoplasmic positivity in mast cell.



Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Staining of human lymph node shows strong cytoplasmic positivity in mast cell.



Immunocytochemistry/ Immunofluorescence: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-33660] - Aged control whole mount choroid immunolabeled for (A) UEA lectin (blue), (B) tryptase (red), & (C) chymase (green). The vast majority of human choroidal MCs are of the MCT phenotype (tryptase+/chymase-). Only a small percentage of MCs are MCtc (tryptase+/chymase+) (arrows). Scale bar: 30 μ m. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/29164232>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

McLeod DS, Bhutto I, Edwards MM et al. Mast Cell-Derived Tryptase in Geographic Atrophy Invest. Ophthalmol. Vis. Sci. 2017-11-01 [PMID: 29164232] (ICC/IF, Human)



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Products Related to NBP2-33660

NBP2-33660PEP	Chymase/CMA1/Mast Cell Chymase Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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