

Product Datasheet

Chymase/CMA1/Mast Cell Chymase Antibody NBP2-27551

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-27551

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-27551



NBP2-27551

Chymase/CMA1/Mast Cell Chymase Antibody

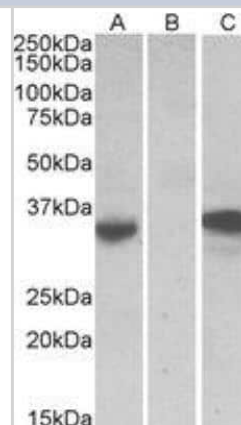
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Chymase/CMA1/Mast Cell Chymase Antibody (NBP2-27551) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Chymase/CMA1/Mast Cell Chymase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1215
Gene Symbol	CMA1
Species	Human
Immunogen	Peptide with sequence C-QFRHPKYNTSTLHHD corresponding to internal region according to NP_001827.1.

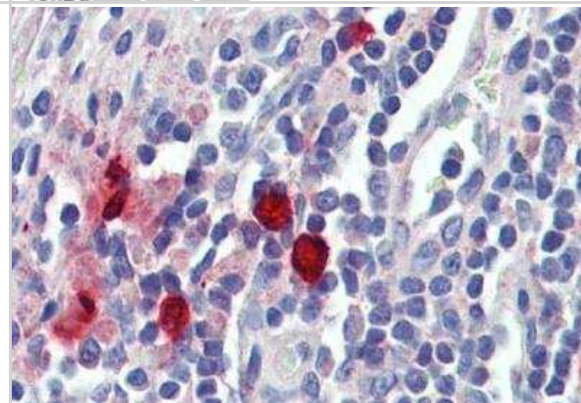
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/mL, Immunohistochemistry 1.5 ug/mL, Immunohistochemistry-Paraffin 1.5 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	WB: In transfected HEK293 transiently expressing full-length human CMA1 (myc and DYKDDDDK tagged), a band of approx. 35 kDa band was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. IHC-P: Human skin shows staining on the apical side of the basal cell layer from the Epidermis.

Images

Western Blot: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - HEK293 lysate (10 ug protein in RIPA buffer) over expressing Human CMA1 with DYKDDDDK tag probed with NBP2-27551 (0.5 ug/mL) in Lane A and probed with anti-DYKDDDDK Tag (1:3000) in lane C. Mock-transfected HEK293 probed with NBP2-27551 (1 mg/mL) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



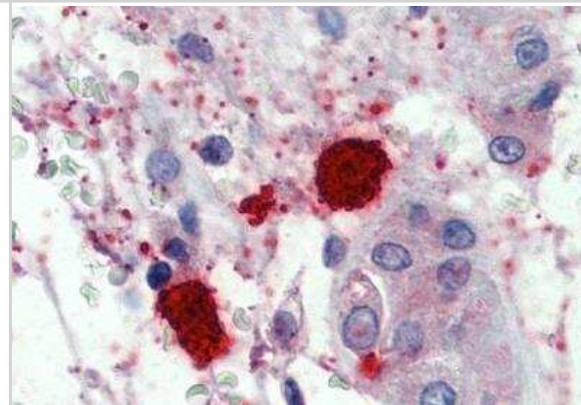
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of paraffin embedded Human Tonsil (Mast cells). Antibody at 1.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of human skin Epidermis shows detection on the apical side of the basal cell layer.



Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of paraffin embedded Human Testis (Mast cells). Antibody at 1.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Heikkila HM, Latti S, Leskinen MJ et al. Activated mast cells induce endothelial cell apoptosis by a combined action of chymase and tumor necrosis factor-alpha *Arterioscler Thromb Vasc Biol* 2008-02-01 [PMID: 18079408]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-27551

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-27551

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



