

Product Datasheet

NCAM-1/CD56 Antibody (CL12732) - Azide and BSA Free NBP3-44370

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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NBP3-44370

NCAM-1/CD56 Antibody (CL12732) - Azide and BSA Free

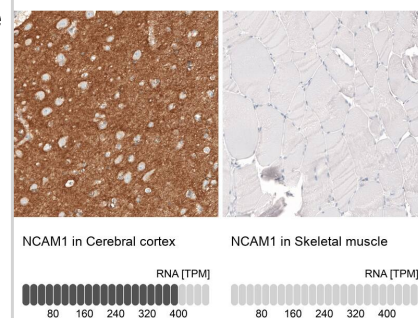
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12732
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse NCAM-1/CD56 Antibody (CL12732) - Azide and BSA Free (NBP3-18543) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4684
Gene Symbol	NCAM1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P13591, with the exact immunogen sequence remaining proprietary.

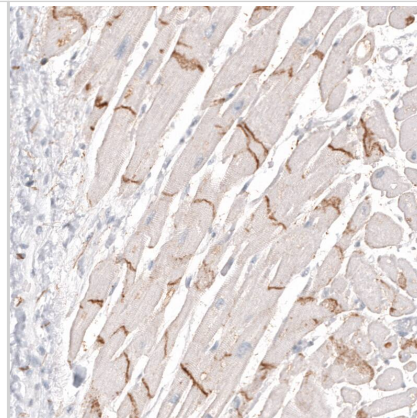
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

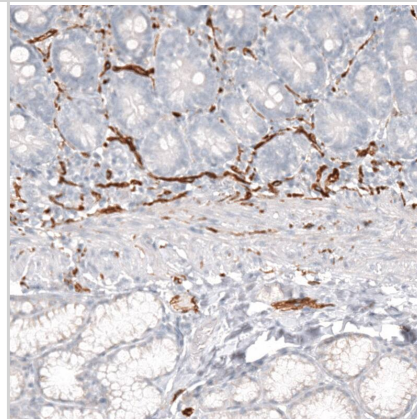
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-44370 antibody. Corresponding NCAM-1/CD56 RNA-seq data are presented for the same tissues.



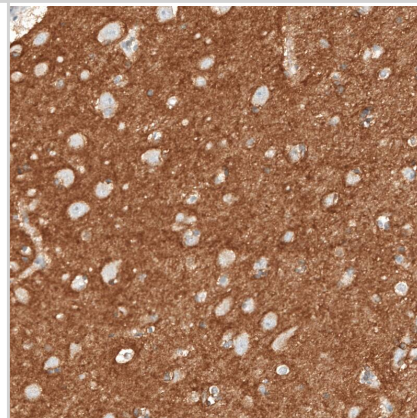
Staining of human heart shows moderate positivity in the intercalated discs in cardiomyocytes.



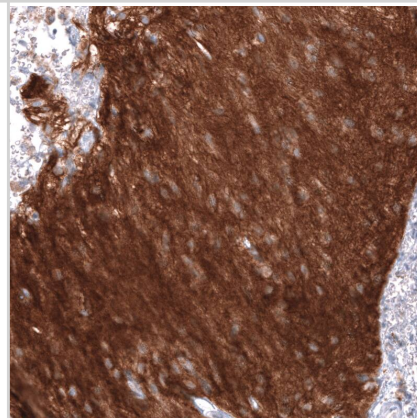
Staining of human duodenum shows strong positivity in peripheral ganglion and nerves.



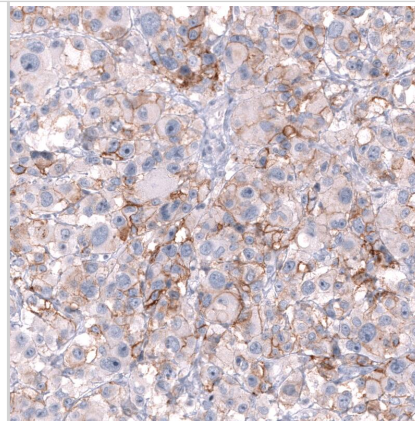
Staining of human cerebral cortex shows strong positivity in neuropil.



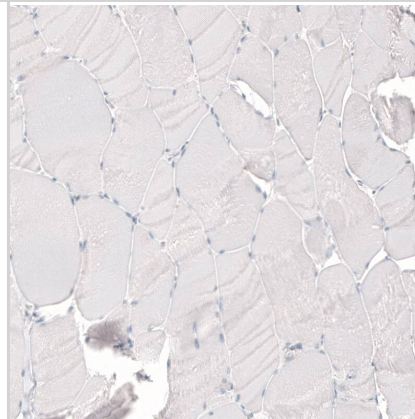
Staining of human malignant glioma shows strong positivity in tumor cells.



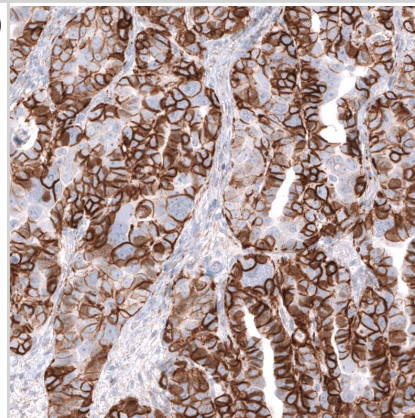
Staining of human malignant melanoma shows moderate membranous positivity in tumor cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human ovarian cancer (papillary serous cystadenocarcinoma) shows strong membranous positivity in tumor cells.





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 NBP3-44370

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP3-07122-50ug	Recombinant Human NCAM-1/CD56 His Protein

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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