

Product Datasheet

N-Cadherin Antibody (GC-4) - Azide and BSA Free NBP2-21805-0.1ml

Unit Size: 0.1 ml

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/NBP2-21805

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/NBP2-21805



NBP2-21805-0.1ml

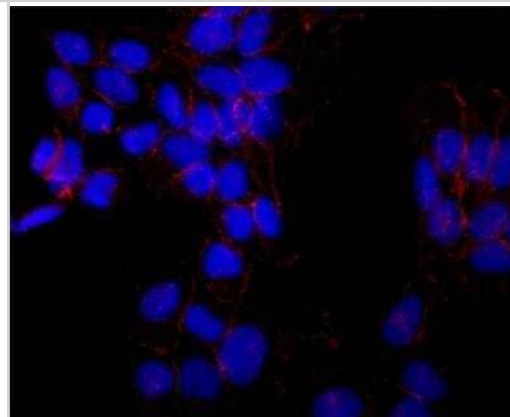
N-Cadherin Antibody (GC-4) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GC-4
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	135 kDa
Product Description	
Description	Novus Biologicals Mouse N-Cadherin Antibody (GC-4) - Azide and BSA Free (NBP2-21805) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-N-Cadherin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1000
Gene Symbol	CDH2
Species	Human, Mouse, Rat
Marker	Mesenchymal Cells Marker
Immunogen	This N-Cadherin Antibody (GC-4) was developed against affinity purified chicken heart A-CAM.
Product Application Details	
Applications	Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay
Recommended Dilutions	Western Blot 10-20ug/ml, Flow Cytometry 1:50-1:250, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:250, Immunohistochemistry-Frozen 10-20ug/ml, In vitro assay, Electron Microscopy
Application Notes	Use in In vitro reported in scientific literature (PMID:33291008) Immunohistochemistry: 10-20 ug/mL using rat cardiac muscle frozen sections, Western blot: 10-20 ug/mL using chicken cardiac muscle or COS-7 cell extracts

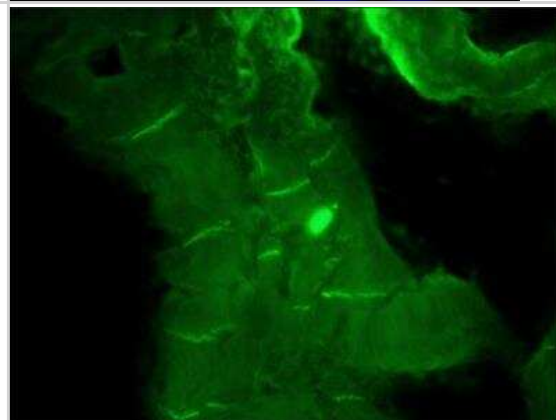


Images

Immunocytochemistry/Immunofluorescence: N-Cadherin Antibody (GC-4) [NBP2-21805] - HeLa cells were fixed and permeabilized with methanol followed by methanol:acetone. Fixed cells were stained with Monoclonal Anti-N-Cadherin, Clone: GC-4. The antibody was developed using Goat Anti-Mouse IgG, Cy3 conjugate. Cells were counterstained with DAPI (blue) to stain nuclei.



Immunohistochemistry: N-Cadherin Antibody (GC-4) [NBP2-21805] - Frozen acetone fixed chicken cardiac sections stained with Monoclonal Anti-N-Cadherin antibody produced in Mouse clone GC-4: followed by Anti-Mouse IgG (Fab specific)-FITC antibody produced in Goat.



Publications

Defourny J, Thiry M Short communication Tricellular adherens junctions provide a cell surface delivery platform for connexin 26/30 oligomers in the cochlea Hearing Research 2020-11-01 [PMID: 33291008] (ICC/IF, In vitro, Mouse)

Details:

Cochleae of BALB/c mice were processed in immunofluorescence analysis. Organs of Corti from these mice also underwent in vitro analysis.



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

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/NBP2-21805

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

