

Product Datasheet

N-Cadherin Antibody (GC-4) - Azide and BSA Free NBP2-21805-0.05ml

Unit Size: 0.05 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 2/23/2025 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



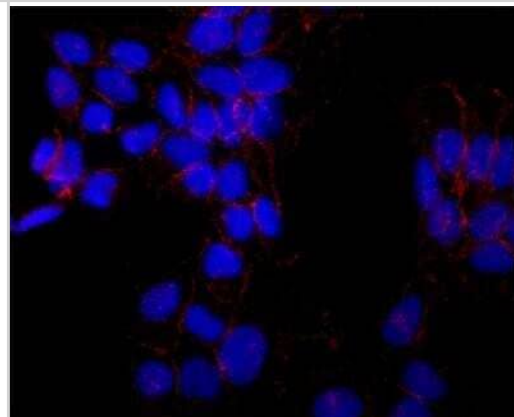
NBP2-21805-0.05ml

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

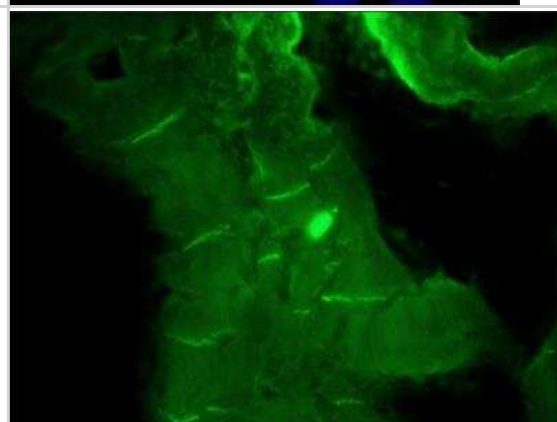
Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GC-4
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	135 kDa
Product Description	
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 Coti 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

Products Related to NBP2-21805-0.05ml

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-59927-50ug	Recombinant Human N-Cadherin 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.

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

