

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.

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Publications: 1

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NBP2-21805-0.05ml

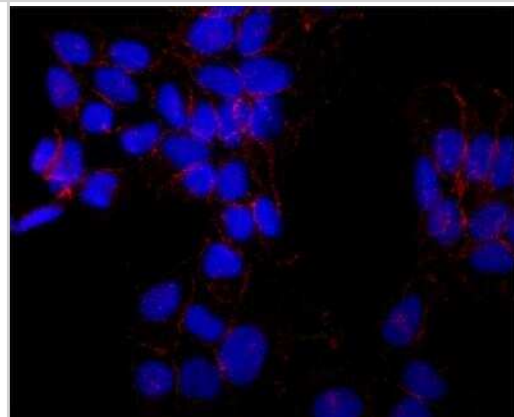
N-Cadherin Antibody (GC-4) - Azide and BSA Free

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	
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

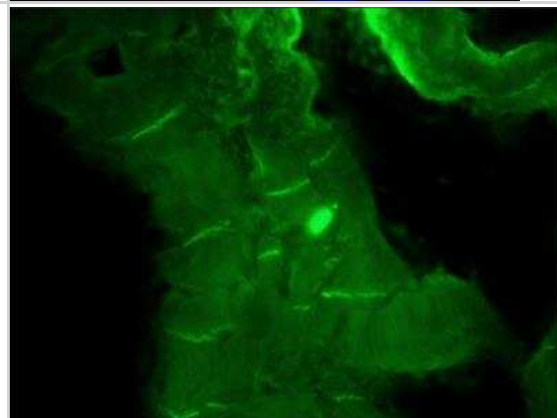


Images

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 Cotti from these mice also underwent in vitro analysis.



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Products Related to NBP2-21805-0.05ml

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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