

Product Datasheet

N-Cadherin Antibody (CL3716) - Azide and BSA Free NBP3-44495

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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NBP3-44495**N-Cadherin Antibody (CL3716) - 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	CL3716
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	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

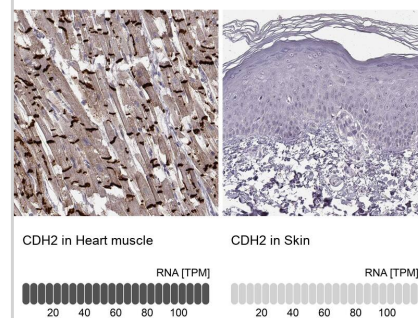
Product Description	
Description	Novus Biologicals Mouse N-Cadherin Antibody (CL3716) - Azide and BSA Free (NBP2-61632) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1000
Gene Symbol	CDH2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P19022, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

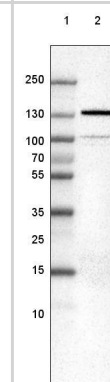


Images

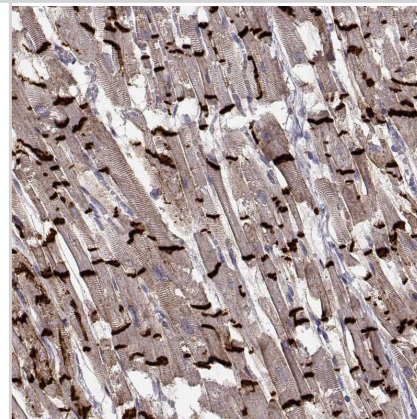
Analysis in human heart muscle and skin tissues using NBP3-44495 antibody. Corresponding N-Cadherin RNA-seq data are presented for the same tissues.



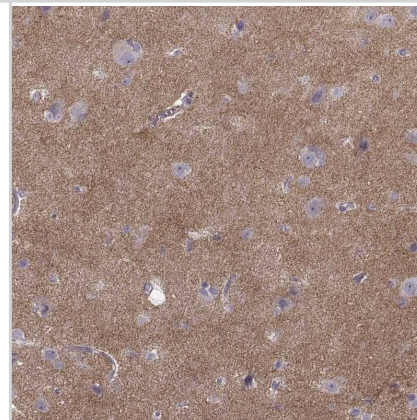
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line U-251 MG



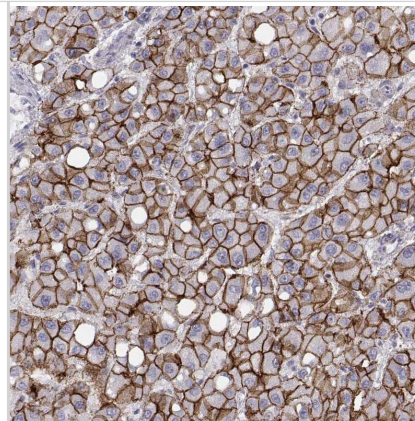
Staining of human heart muscle shows strong positivity in the intercalated discs of cardiomyocytes.



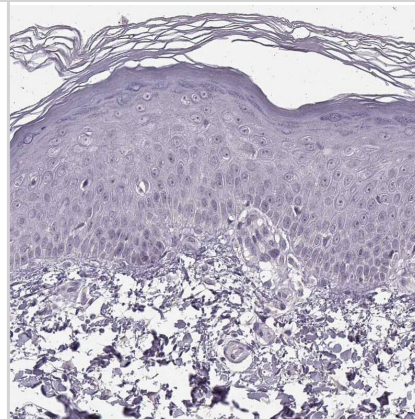
Staining of human cerebral cortex shows moderate positivity in neuropil.



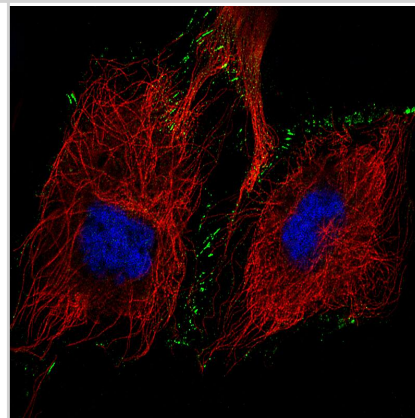
Staining of human liver cancer (hepatocellular carcinoma) shows moderate to strong membranous positivity in tumor cells.



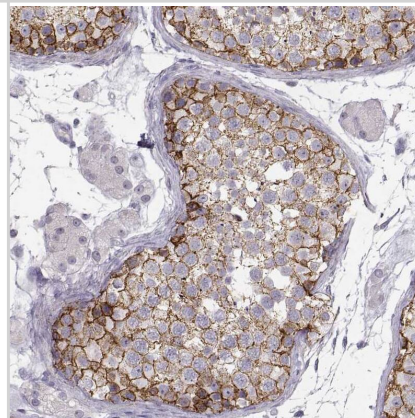
Staining of human skin shows no positivity in epidermal cells as expected.



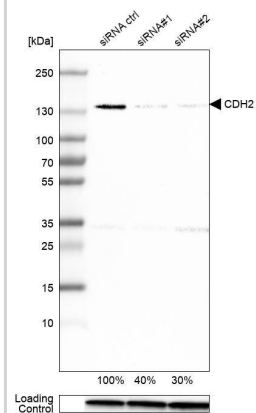
Staining of U-251 cells using the Anti-N-Cadherin monoclonal antibody .



Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-N-Cadherin antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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Products Related to NBP3-44495

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.

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

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