

Product Datasheet

N-Cadherin Antibody (OTI2G7) NBP2-01498

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-01498**N-Cadherin Antibody (OTI2G7)**

Product Information	
Unit Size	0.1 ml
Concentration	0.77 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2G7
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	97.2 kDa

Product Description	
Description	Novus Biologicals Mouse N-Cadherin Antibody (OTI2G7) (NBP2-01498) is a monoclonal antibody validated for use in IHC, WB and Flow. 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, Canine, Primate, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Marker	Mesenchymal Cells Marker
Immunogen	This N-Cadherin Antibody (OTI2G7) was developed against full length human recombinant protein of human CDH2(NP_001783) produced in HEK293T cell.

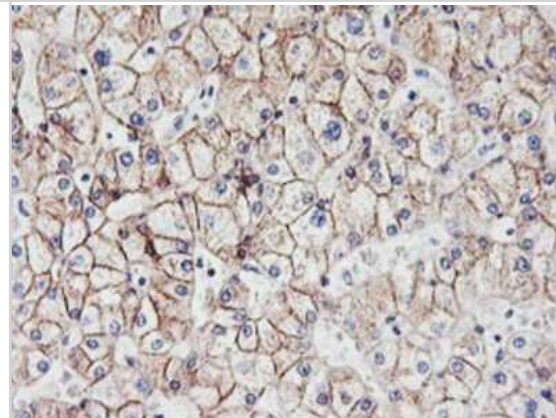
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150
Application Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.

Images

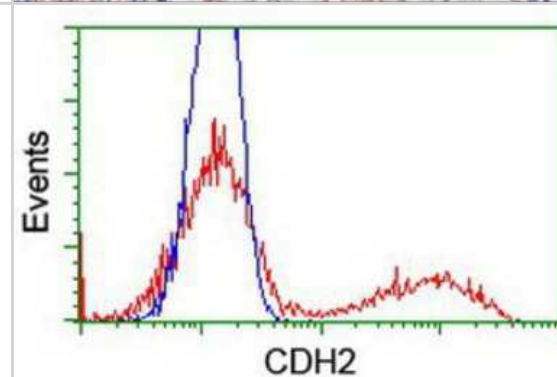
Western Blot: N Cadherin Antibody (2G7) [NBP2-01498] Analysis of extracts (35ug) from 9 different cell lines by using anti-N Cadherin monoclonal antibody.



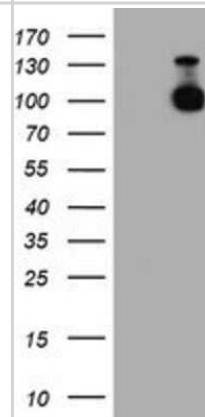
Immunohistochemistry-Paraffin: N Cadherin Antibody (2G7) [NBP2-01498] - Staining of paraffin-embedded Human liver tissue using anti-N Cadherin mouse monoclonal antibody.



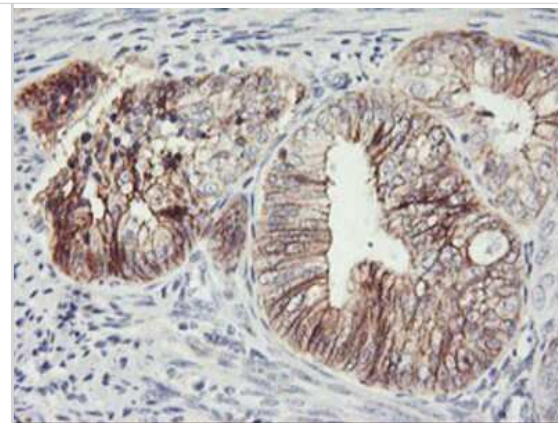
Flow Cytometry: N Cadherin Antibody (2G7) [NBP2-01498] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-N Cadherin antibody, and then analyzed by flow cytometry.



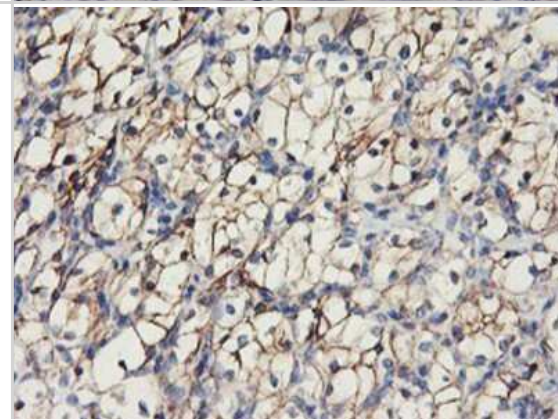
Western Blot: N Cadherin Antibody (2G7) [NBP2-01498] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY N Cadherin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-N Cadherin.



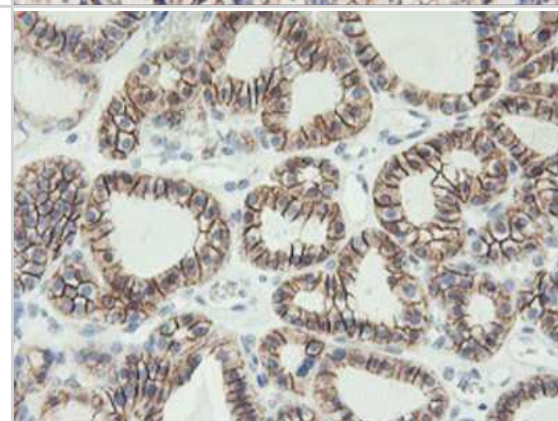
Immunohistochemistry-Paraffin: N Cadherin Antibody (2G7) [NBP2-01498] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-N Cadherin mouse monoclonal antibody.



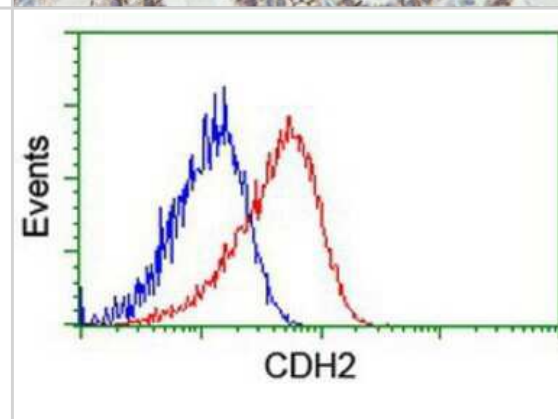
Immunohistochemistry-Paraffin: N Cadherin Antibody (2G7) [NBP2-01498] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-N Cadherin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: N Cadherin Antibody (2G7) [NBP2-01498] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-N Cadherin mouse monoclonal antibody.



Flow Cytometry: N Cadherin Antibody (2G7) [NBP2-01498] - Analysis of Hela cells, using anti-N Cadherin antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Potez M, Snedal S, She C et al. Use of phage display biopanning as a tool to design CAR-T cells against glioma stem cells *Frontiers in Oncology* 2023-03-24 [PMID: 37035164]



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Products Related to NBP2-01498

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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