

Product Datasheet

E-Cadherin Antibody (ST54-01) NBP2-67540

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67540

E-Cadherin Antibody (ST54-01)

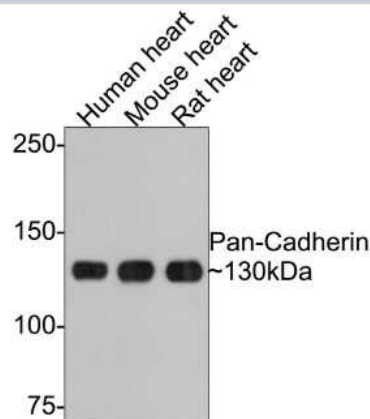
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST54-01
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit E-Cadherin Antibody (ST54-01) (NBP2-67540) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	999
Gene Symbol	CDH1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within C-terminal human E-Cadherin. (SwissProt: P19022 Human; SwissProt: P12830 Human; SwissProt: P22223 Human; SwissProt: P33151 Human; SwissProt: P55283 Human; SwissProt: P39038 Mouse)

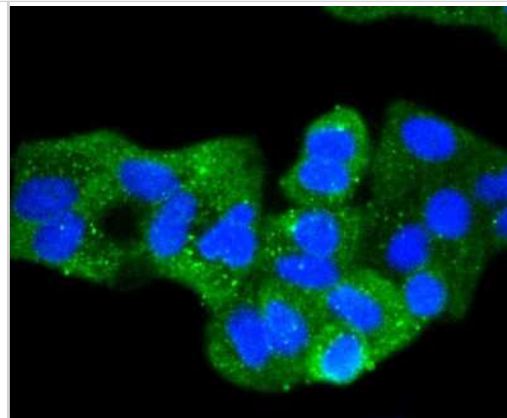
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:1000

Images

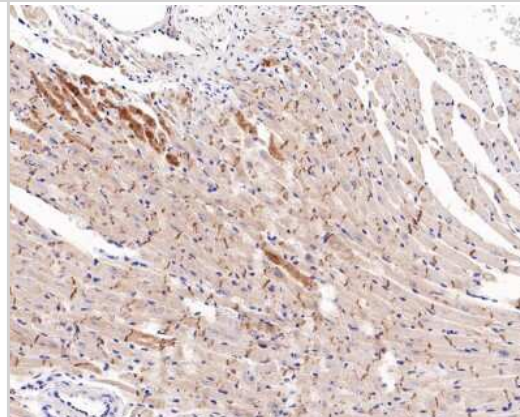
Western Blot: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of E-Cadherin on different lysates with Rabbit anti-E-Cadherin antibody at 1/1,000 dilution. Lane 1: Human heart tissue lysate Lane 2: Mouse heart tissue lysate Lane 3: Rat heart tissue lysate Lysates/proteins at 20 ug/Lane. Predicted band size: 100 kDa Observed band size: 130 kDa Exposure time: 1 minute; 6% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



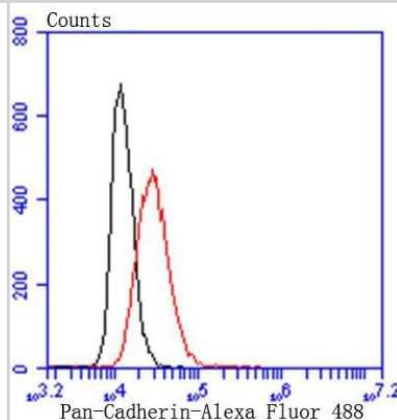
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Staining Pan-Cadherin in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



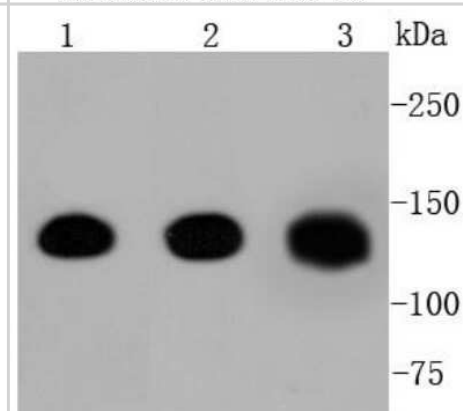
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse heart tissue with Rabbit anti-Pan-Cadherin antibody 000 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



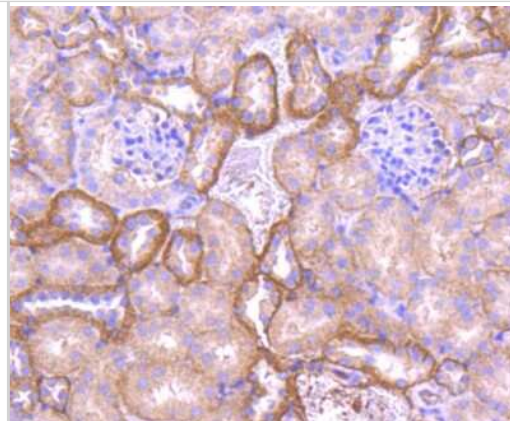
Flow Cytometry: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of Hela cells with Pan-Cadherin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



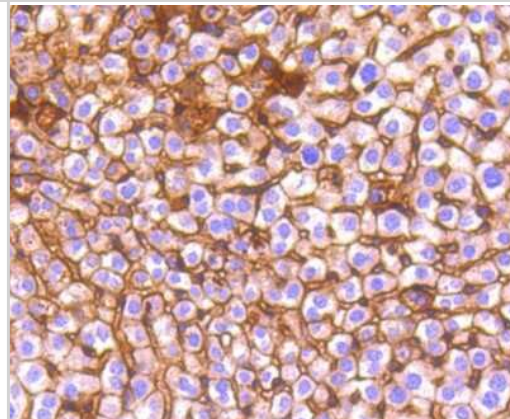
Western Blot: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of Pan-Cadherin on different lysates using anti-Pan-Cadherin antibody at 1/1,000 dilution. Positive control: Lane 1: Human heart Lane 2: Mouse heart Lane 3: Rat heart



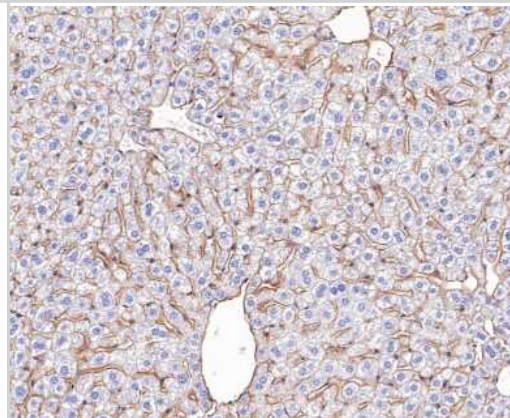
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse kidney tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



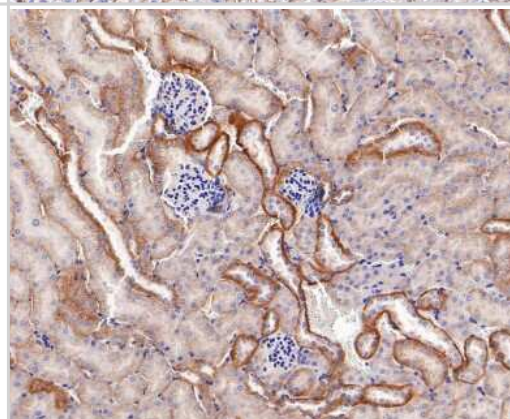
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse liver tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse liver tissue with Rabbit anti-Pan-Cadherin antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse kidney tissue with Rabbit anti-Pan-Cadherin antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP2-67540

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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