

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)

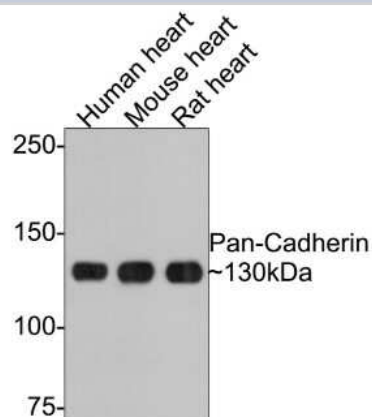
| Product Information | |
|---------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | ST54-01 |
| Preservative | 0.05% Sodium Azide |
| Isotype |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

| Product Description | |
|---------------------|--|
| 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) |

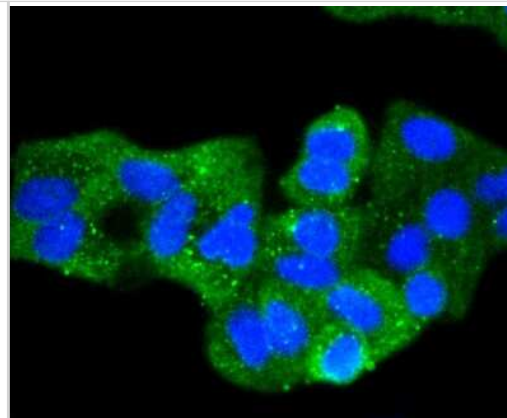
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:1000-1:5000, Flow Cytometry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

Images

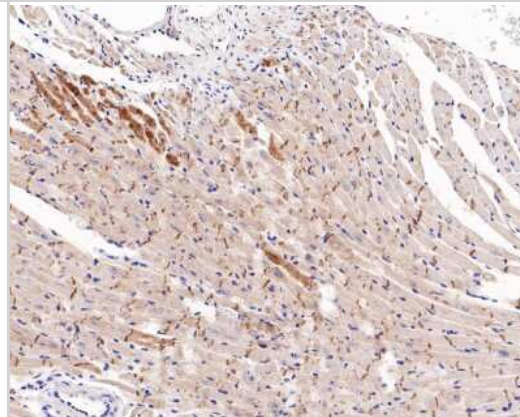
Western Blot: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of E-Cadherin on different lysates with Rabbit anti-E-Cadherin antibody at 1/1,000 dilution. Lane 1: Human heart tissue lysate Lane 2: Mouse heart tissue lysate Lane 3: Rat heart tissue lysate Lysates/proteins at 20 ug/Lane. Predicted 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.



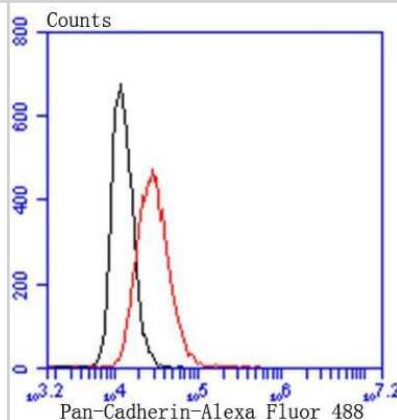
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Staining Pan-Cadherin in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



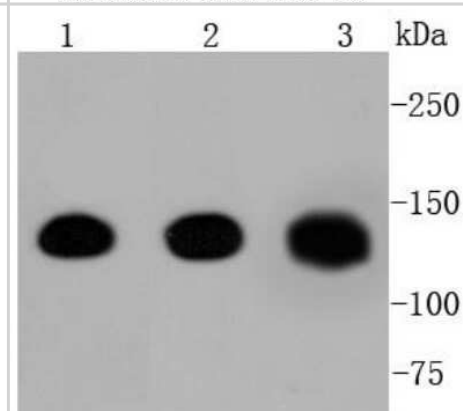
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse heart tissue with Rabbit anti-Pan-Cadherin antibody 000 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues 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.



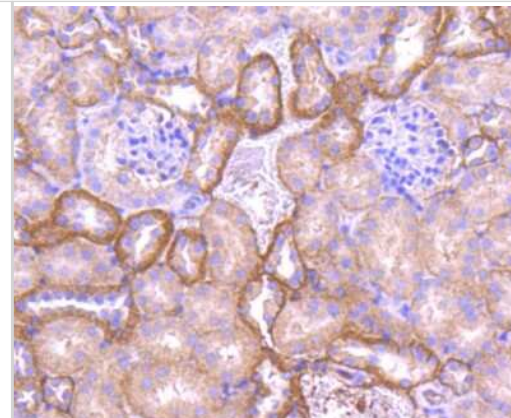
Flow Cytometry: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of Hela cells with Pan-Cadherin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary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



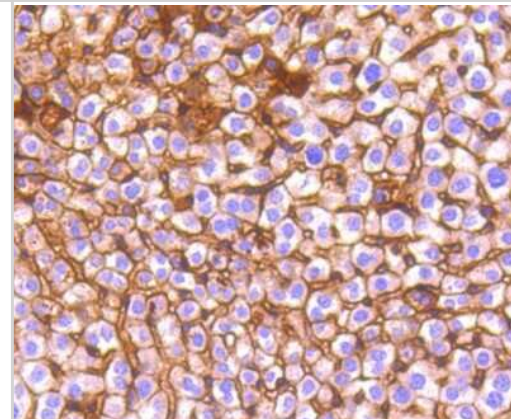
Western Blot: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of Pan-Cadherin on different lysates using anti-Pan-Cadherin antibody at 1/1,000 dilution. Positive control: Lane 1: Human heart Lane 2: Mouse heart Lane 3: Rat heart



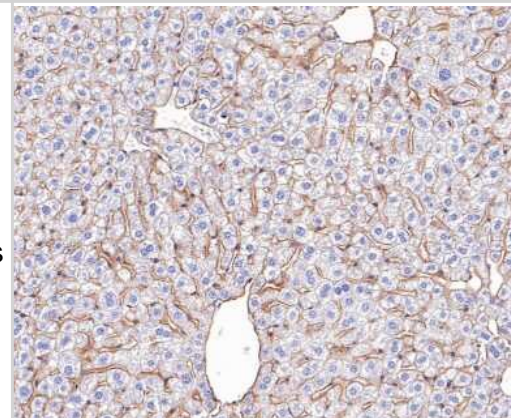
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse kidney tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



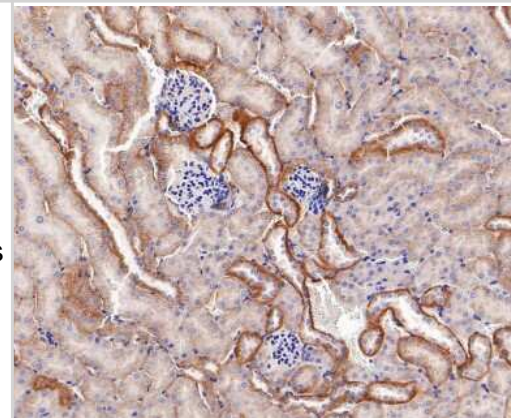
Immunohistochemistry-Paraffin: E-Cadherin Antibody (ST54-01) [NBP2-67540] - Analysis of paraffin-embedded mouse liver tissue using anti-Pan-Cadherin antibody. Counter stained with hematoxylin.



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.





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 NBP2-67540

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP2-34476PEP | E-Cadherin Recombinant Protein Antigen |

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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