

Product Datasheet

E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free NBP2-54551-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-54551-100ug

E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CDH1/1525
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

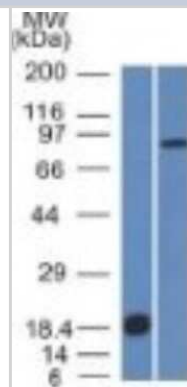
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53354). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	999
Gene Symbol	CDH1
Species	Human, Mouse
Reactivity Notes	Does not react with Mouse or Rat.
Marker	Intercellular Junction Marker
Immunogen	Recombinant human E-Cadherin protein (Uniprot: P12830)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5 - 1 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Protein Array, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

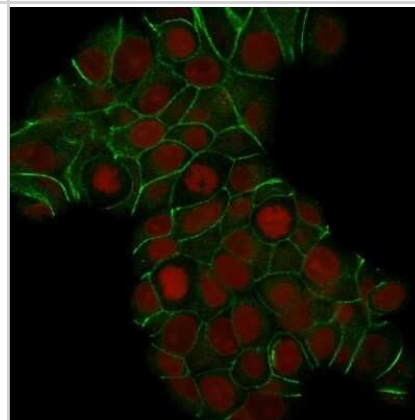


Images

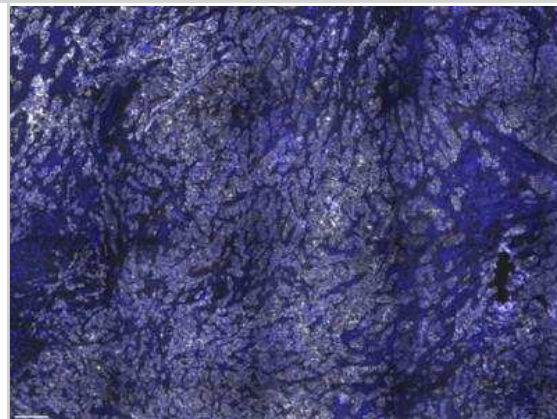
Western Blot: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Analysis (A) Recombinant Protein (B) human Stomach lysate Using E-Cadherin Monoclonal Antibody (CDH1/1525).



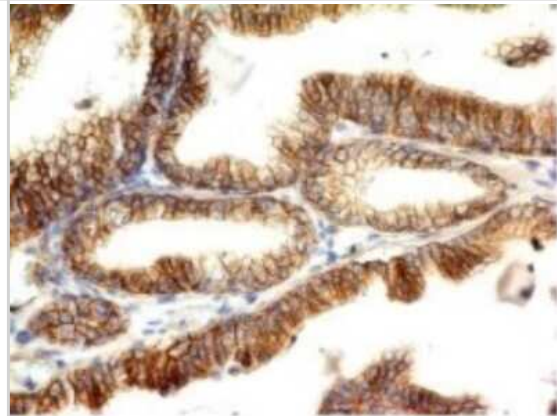
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Confocal Immunofluorescence of MCF-7 cells E-Cadherin Antibody (CDH1/1525). labeled with CF488 (Green); Red Dot is used to label the nuclei.



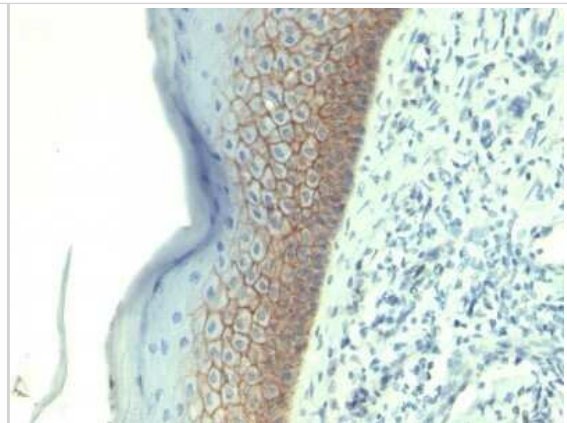
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Human breast cancer tissue stained for E-cadherin (white) and counterstained with DAPI (blue). Alexa Fluor 750 version of antibody used. Image from verified customer review.



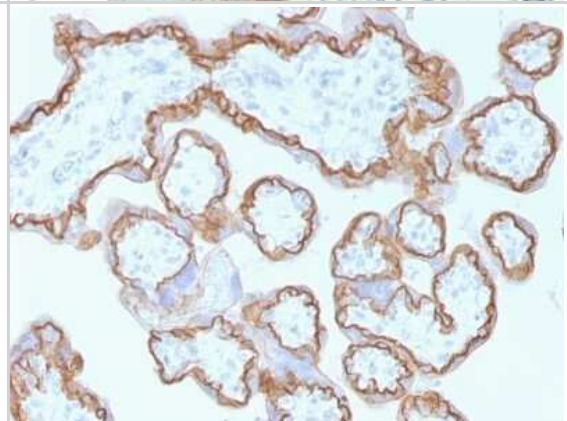
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with E-Cadherin Monoclonal Antibody (CDH1/1525).



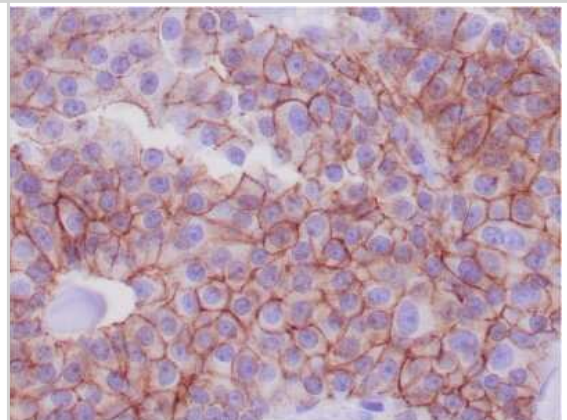
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Formalin-fixed, paraffin-embedded human Skin stained with E-Cadherin Monoclonal Antibody (CDH1/1525).



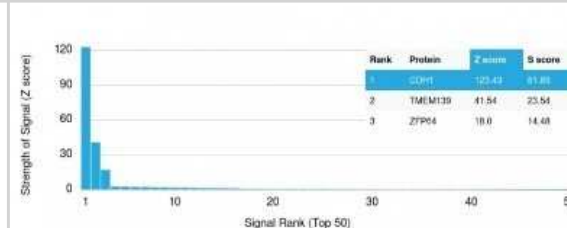
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Formalin-paraffin human Placenta stained with E-Cadherin MAb (CDH1/1525).



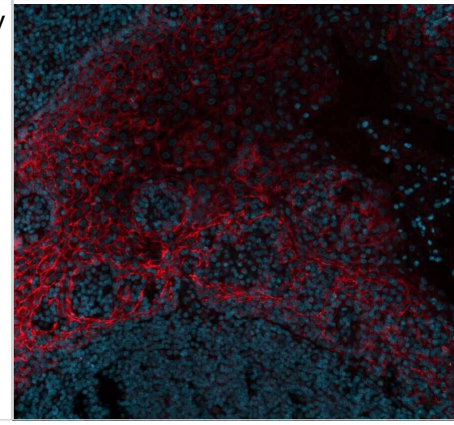
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Formalin-fixed, paraffin-embedded human breast adenocarcinoma stained with E-Cadherin Mouse Monoclonal Antibody (CDH1/1525).



Protein Array: E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Analysis of Protein Array containing more than 19,000 full-length human proteins using E-Cadherin Antibody (CDH1/1525). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5.



Immunohistochemistry-Paraffin: Mouse Monoclonal E-Cadherin Antibody (CDH1/1525) - Azide and BSA Free [NBP2-54551] - Immunofluorescent staining of human tonsil FFPE tissue. Antibody diluted 1:50 (Catalog # NBP2-54551AF750) in 3% BSA and incubated over night at 4°C. Heat mediated antigen retrieval at pH 6. Image from a verified customer review.





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Products Related to NBP2-54551-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34475PEP	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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