

# Product Datasheet

## E-Cadherin Antibody (CDH1/1525)

### NBP2-53354-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-53354-100ug****E-Cadherin Antibody (CDH1/1525)****Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CDH1/1525
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA

**Product Description**

<b>Description</b>	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54551)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
<b>Host</b>	Mouse
<b>Gene ID</b>	999
<b>Gene Symbol</b>	CDH1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Does not react with Mouse or Rat.
<b>Marker</b>	Intercellular Junction Marker
<b>Immunogen</b>	Recombinant human E-Cadherin protein (Uniprot: P12830)

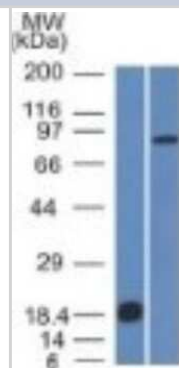
**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
<b>Application Notes</b>	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.

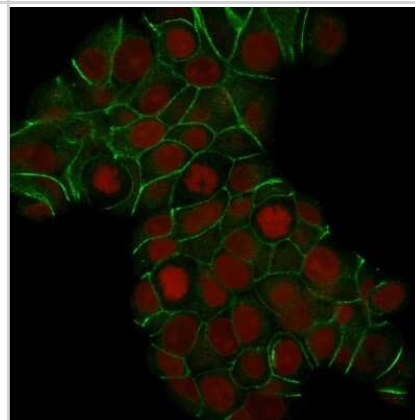


## Images

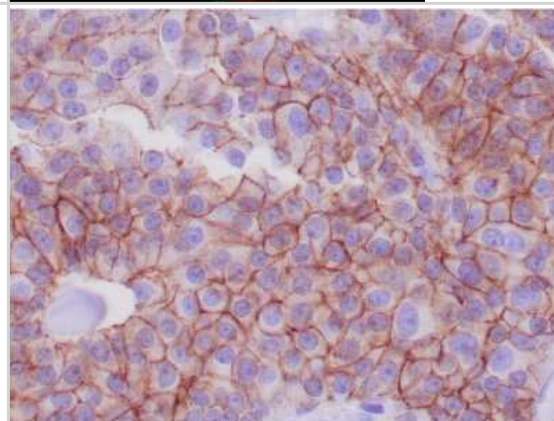
Western Blot: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Western Blot Analysis (A) Recombinant Protein (B) human Stomach lysate Using E-Cadherin Monoclonal Antibody (CDH1/1525).



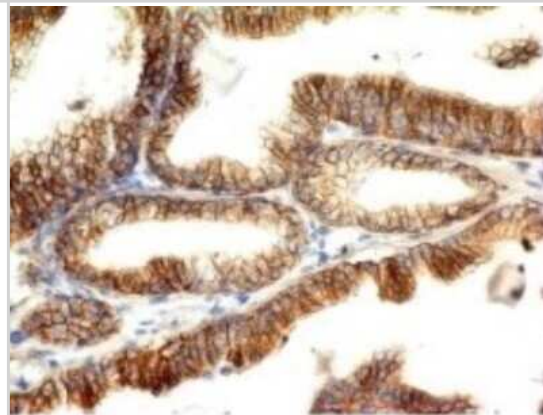
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Confocal Immunofluorescence of MCF-7 cells E-Cadherin Antibody (CDH1/1525). labeled with CF488 (Green); Red Dot is used to label the nuclei.



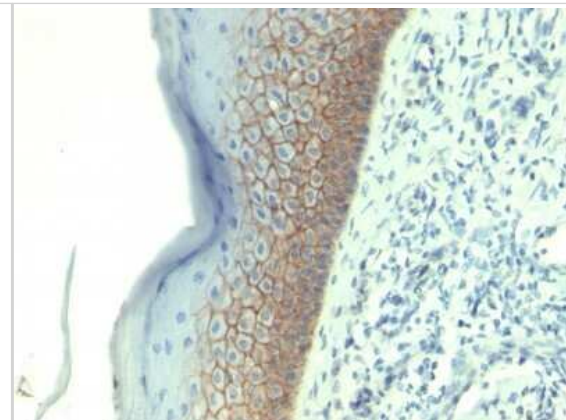
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Formalin-fixed, paraffin-embedded human breast adenocarcinoma stained with E-Cadherin Mouse Monoclonal Antibody (CDH1/1525).



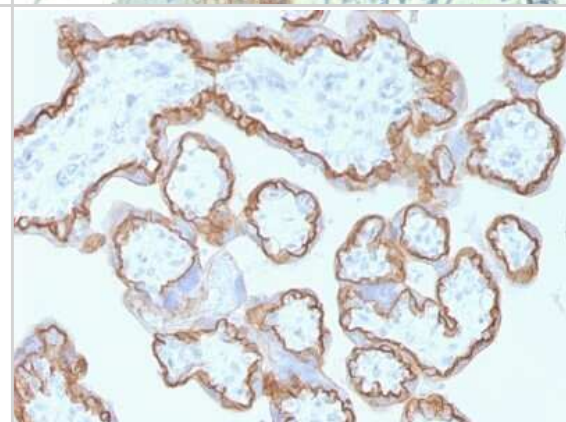
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with E-Cadherin Monoclonal Antibody (CDH1/1525).



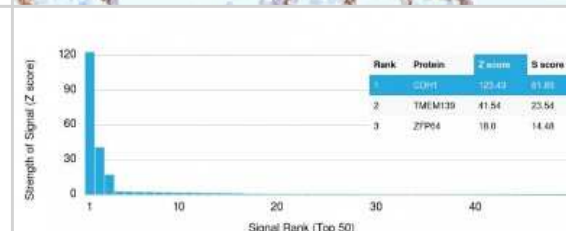
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Formalin-fixed, paraffin-embedded human Skin stained with E-Cadherin Monoclonal Antibody (CDH1/1525).



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - Formalin-paraffin human Placenta stained with E-Cadherin MAb (CDH1/1525).



Protein Array: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - 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 (SD's) 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 SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CDH1/1525) [NBP2-53354] - 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.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-53354-100ug**

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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)
NBP1-84588PEP	E-Cadherin Recombinant Protein Antigen

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### **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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