

# Product Datasheet

## E-Cadherin Antibody (CL1180) - BSA Free NBP2-34477

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-34477](http://www.novusbio.com/NBP2-34477)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-34477](http://www.novusbio.com/reviews/destination/NBP2-34477)



**NBP2-34477**

E-Cadherin Antibody (CL1180) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL1180
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

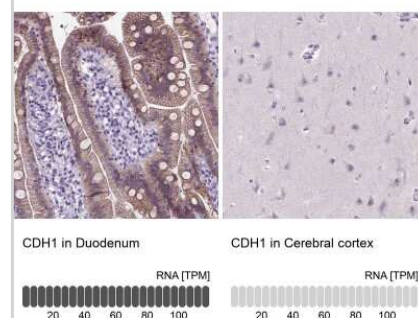
<b>Description</b>	Novus Biologicals Mouse E-Cadherin Antibody (CL1180) - BSA Free (NBP2-34477) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	999
<b>Gene Symbol</b>	CDH1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Rat (80%).
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P12830, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

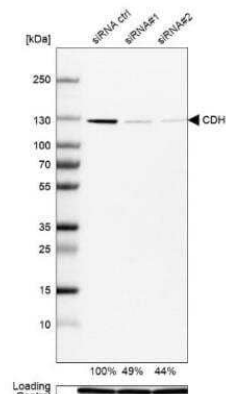
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

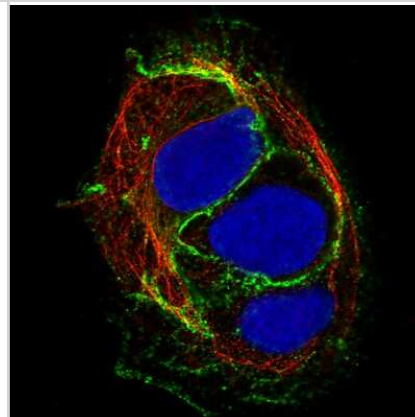
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining in human duodenum and cerebral cortex tissues. Corresponding CDH1 RNA-seq data are presented for the same tissues.



**Western Blot: E-Cadherin Antibody (CL1180) [NBP2-34477] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CDH1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.**



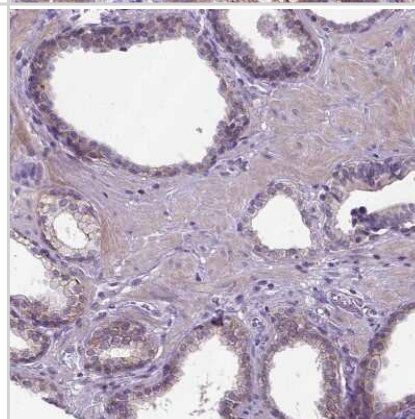
**Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of BEWO cells using the Anti-CDH1 monoclonal antibody, showing specific staining in the plasma membrane and cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).**



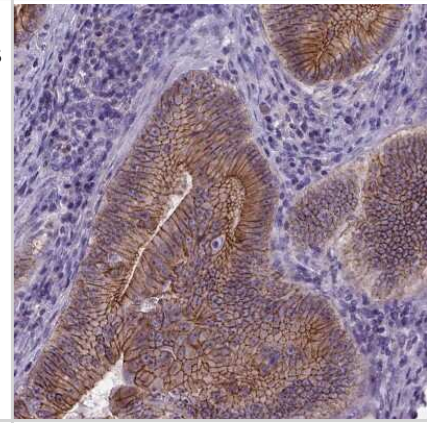
**Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human duodenum shows moderate membranous positivity in glandular cells.**



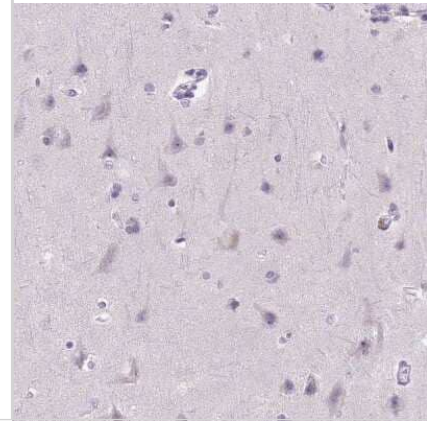
**Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human prostate shows moderate membranous positivity in glandular cells.**



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human colorectal cancer shows strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human cerebral cortex shows no positivity in neuronal cells as expected.





### **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 NBP2-34477**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-34477](http://www.novusbio.com/reviews/submit/NBP2-34477)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

