

# 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.

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**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**

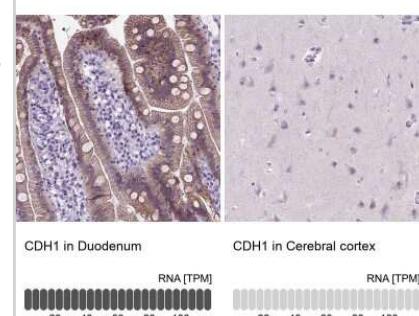
<b>Description</b>	Novus Biologicals Mouse E-Cadherin Antibody (CL1180) - BSA Free (NBP2-34477) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	999
<b>Gene Symbol</b>	CDH1
<b>Species</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**

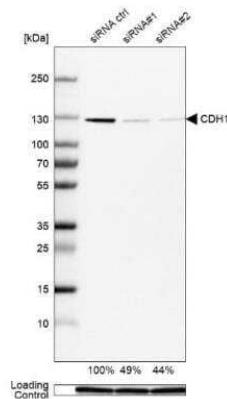
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry- 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**

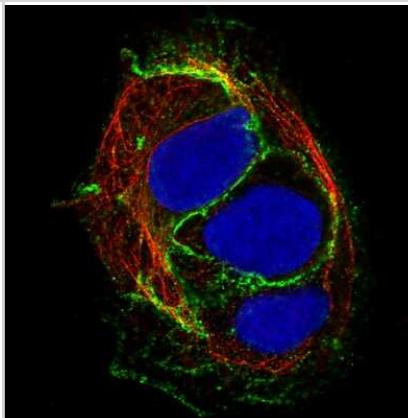
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining in human duodenum and cerebral cortex tissues. Corresponding CDH1 RNA-seq data are presented for the same tissues.



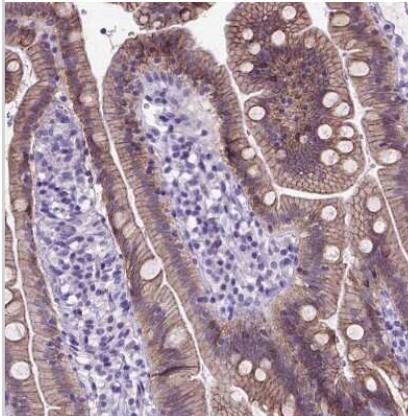
Western Blot: E-Cadherin Antibody (CL1180) [NBP2-34477] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CDH1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



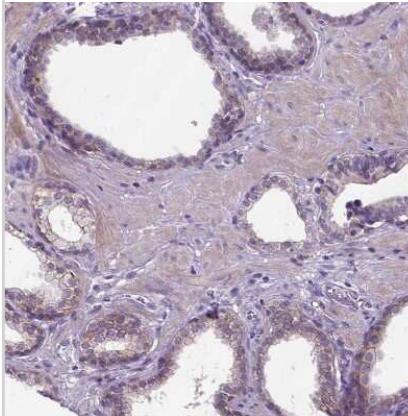
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of BEWO cells using the Anti-CDH1 monoclonal antibody, showing specific staining in the plasma membrane and cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively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



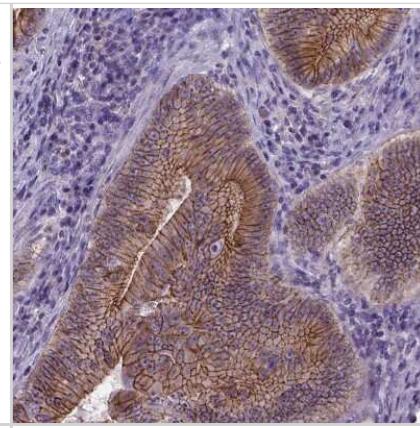
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human duodenum shows moderate membranous positivity in glandular cells.



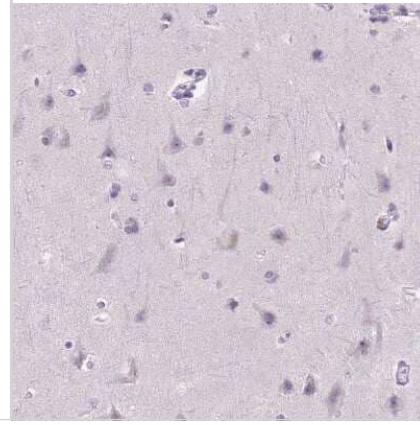
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1180) [NBP2-34477] - Staining of human prostate shows moderate membranous positivity in glandular cells.



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.





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## 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.

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