

Product Datasheet

E-Cadherin Antibody (CL1170) - BSA Free NBP2-34475

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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NBP2-34475

E-Cadherin Antibody (CL1170) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1170
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

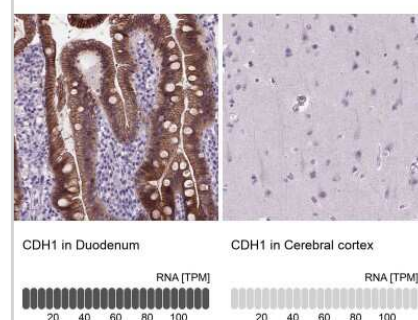
Description	Novus Biologicals Mouse E-Cadherin Antibody (CL1170) - BSA Free (NBP2-34475) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	999
Gene Symbol	CDH1
Species	Human
Reactivity Notes	Rat (80%).
Immunogen	This antibody was developed using a recombinant protein derived from P12830, with the exact immunogen sequence remaining proprietary.

Product Application Details

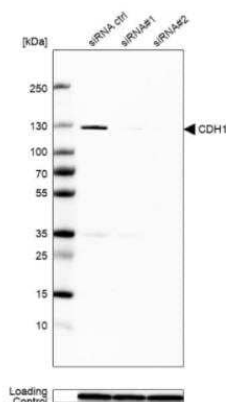
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

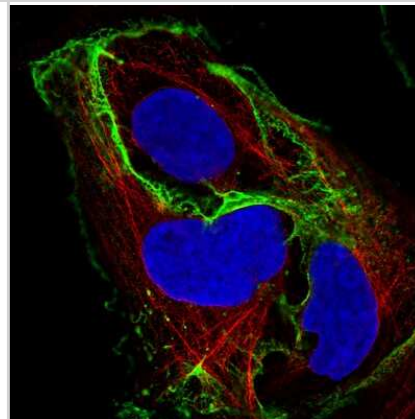
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining in human duodenum and cerebral cortex tissues. Corresponding CDH1 RNA-seq data are presented for the same tissues.



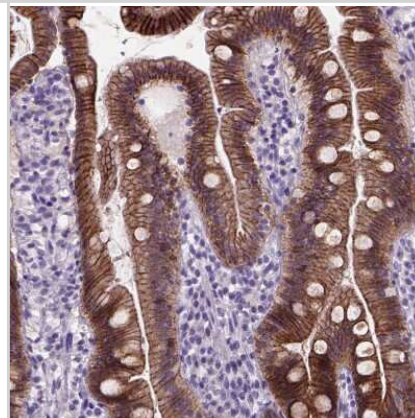
Western Blot: E-Cadherin Antibody (CL1170) [NBP2-34475] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CDH1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH



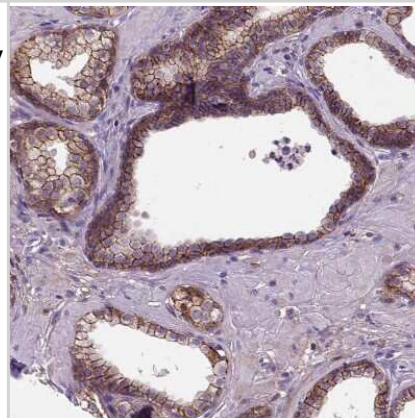
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of BEWO cells using the Anti-CDH1 monoclonal antibody, showing specific staining in the plasma membrane and cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



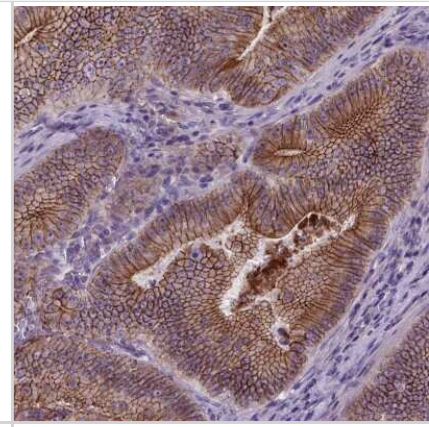
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human duodenum shows strong membranous positivity in glandular cells.



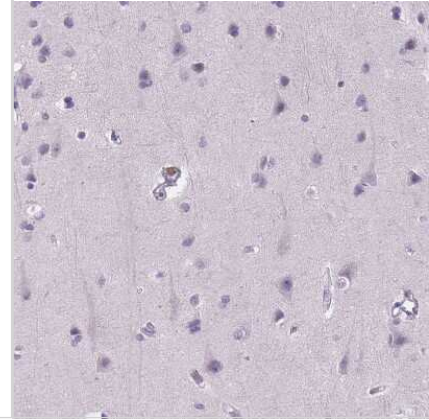
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human prostate shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human colorectal cancer shows moderate to strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human cerebral cortex shows no positivity in neuronal cells as expected.





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Products Related to NBP2-34475

NBP2-34475PEP	E-Cadherin Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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