

Product Datasheet

E-Cadherin Antibody (CL1170) - BSA Free NBP2-34475-25ul

Unit Size: 25ul

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

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NBP2-34475-25ul

E-Cadherin Antibody (CL1170) - BSA Free

Product Information

| | |
|----------------------|--|
| Unit Size | 25ul |
| 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

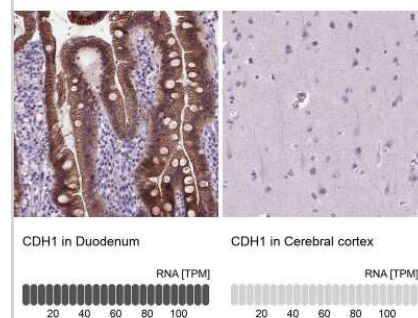
| | |
|-------------------------|---|
| Host | Mouse |
| Gene ID | 999 |
| Gene Symbol | CDH1 |
| Species | Human |
| Reactivity Notes | Rat (80%). |
| Immunogen | This antibody was developed using a recombinant protein derived from P12830, with the exact immunogen sequence remaining proprietary. |

Product Application Details

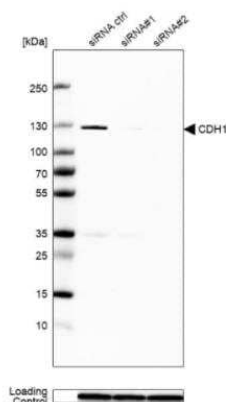
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 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

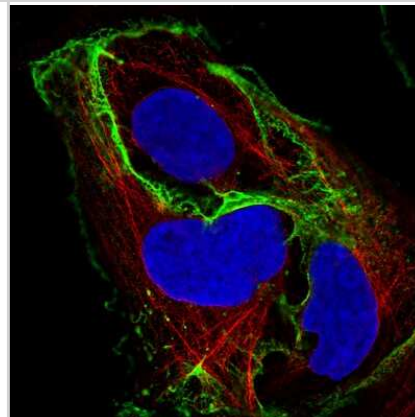
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining in human duodenum and cerebral cortex tissues. Corresponding CDH1 RNA-seq data are presented for the same tissues.



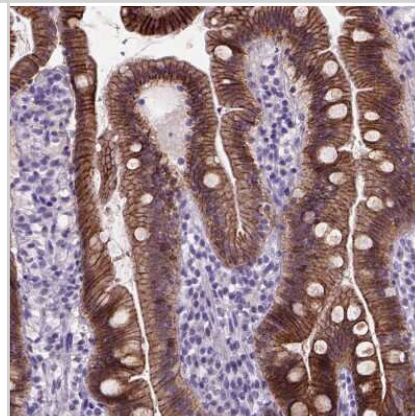
Western Blot: E-Cadherin Antibody (CL1170) [NBP2-34475] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CDH1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH



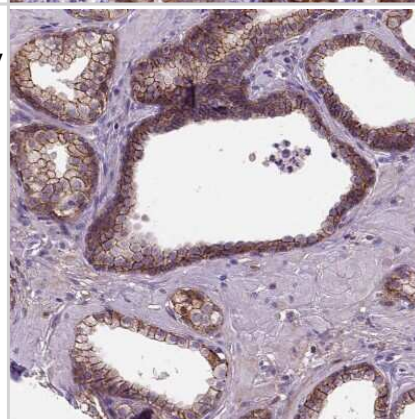
Immunocytochemistry/Immunofluorescence: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of BEWO cells using the Anti-CDH1 monoclonal antibody, showing specific staining in the plasma membrane and cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively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



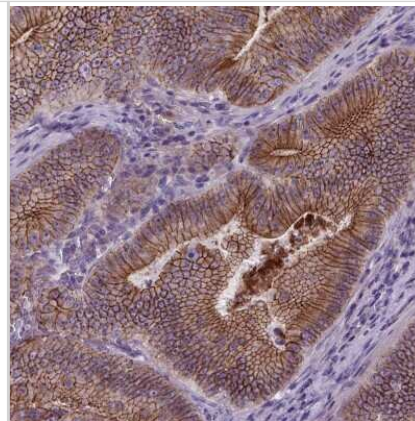
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human duodenum shows strong membranous positivity in glandular cells.



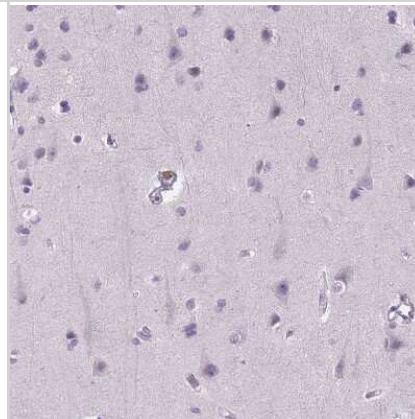
Immunohistochemistry-Paraffin: E-Cadherin Antibody (CL1170) [NBP2-34475] - Staining of human prostate shows strong membranous positivity in glandular cells.



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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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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