

Product Datasheet

beta-Catenin Antibody (CL3689) - BSA Free NBP2-61628

Unit Size: 100 ul

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

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NBP2-61628

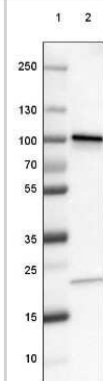
beta-Catenin Antibody (CL3689) - BSA Free

| Product Information | |
|-----------------------------|--|
| Unit Size | 100 ul |
| 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 | CL3689 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2a |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Product Description | |
| Description | Novus Biologicals Mouse beta-Catenin Antibody (CL3689) - BSA Free (NBP2-61628) 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 | 1499 |
| Gene Symbol | CTNNB1 |
| Species | Human |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions |
| Immunogen | This antibody was developed using a recombinant protein derived from P35222, with the exact immunogen sequence remaining proprietary. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry 1:20000 - 1:50000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20000 - 1:50000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. |

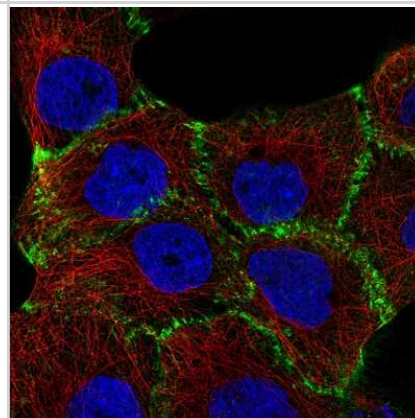


Images

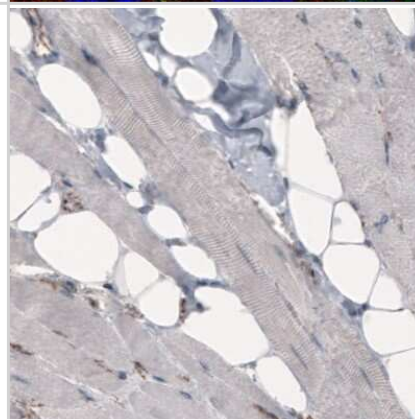
Western Blot: beta-Catenin Antibody (CL3689) [NBP2-61628] - Lane 1:
Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line A-549



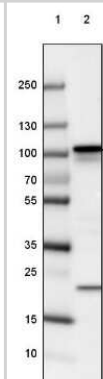
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of A-431 cells using the Anti-CTNNB1 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



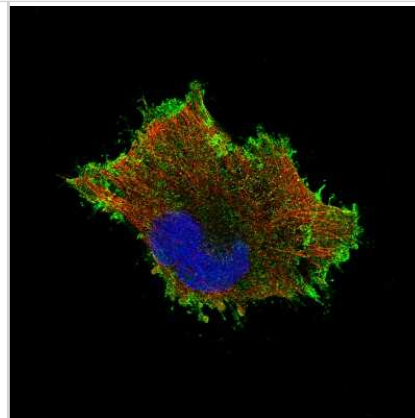
Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human skeletal muscle shows absence of immunoreactivity in muscle fibers (negative control).



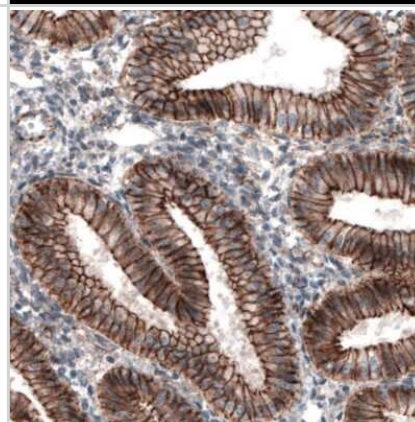
Western Blot: beta-Catenin Antibody (CL3689) [NBP2-61628] - Lane 1:
Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line SK-MEL-30



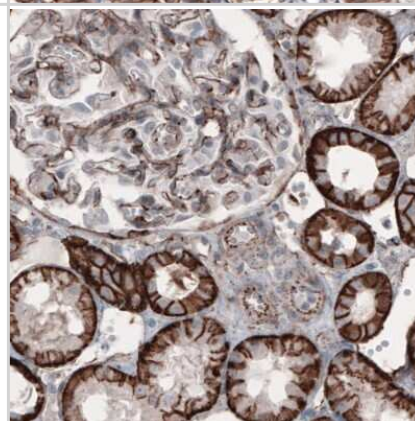
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of U-251 cells using the Anti-CTNNB1 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Immunohistochemistry: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human endometrium shows strong membranous immunoreactivity in glandular epithelium.



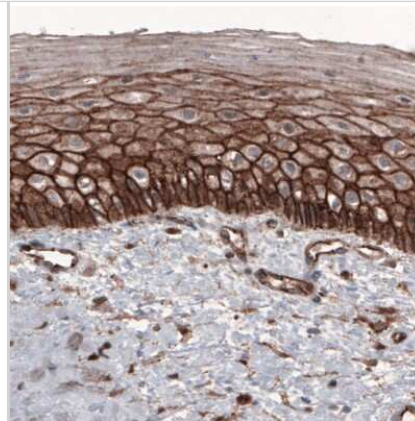
Immunohistochemistry: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human kidney shows strong membranous positivity in renal tubules and glomerulus cells.



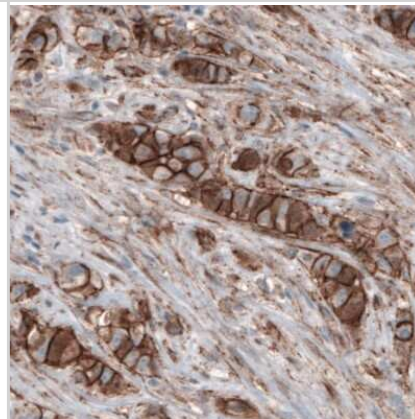
Immunohistochemistry: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human duodenum shows strong membranous immunoreactivity in epithelial cells.



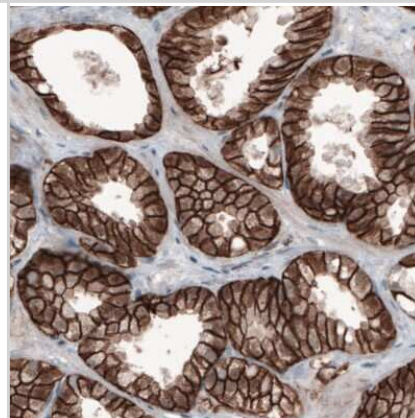
Immunohistochemistry: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human cervix shows strong membranous positivity in epithelial cells.



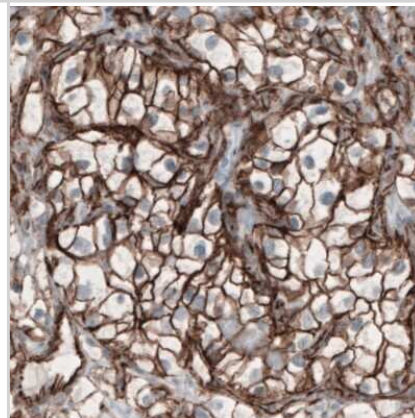
Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human breast cancer shows membranous immunoreactivity in tumor cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human prostate cancer shows membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3689) [NBP2-61628] - Staining of human renal cancer shows membranous positivity in tumor cells.





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Products Related to NBP2-61628

| | |
|---------------|---|
| NBP2-61628PEP | beta-Catenin Recombinant Protein Antigen |
| 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) |

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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