

Product Datasheet

beta-Catenin Antibody (CL3691) - Azide and BSA Free NBP3-44057

Unit Size: 100 ug

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

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NBP3-44057

beta-Catenin Antibody (CL3691) - Azide and BSA Free

| Product Information | |
|------------------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL3691 |
| Preservative | No Preservative |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose |

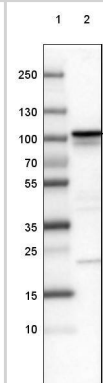
| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Mouse beta-Catenin Antibody (CL3691) - Azide and BSA Free (NBP2-61629) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 1499 |
| Gene Symbol | CTNNB1 |
| Species | Human |
| Immunogen | This antibody was generated using a recombinant protein sequence of P35222, with the exact immunogen sequence remaining proprietary. |

| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. |

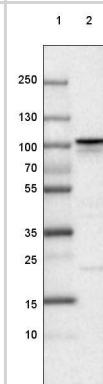


Images

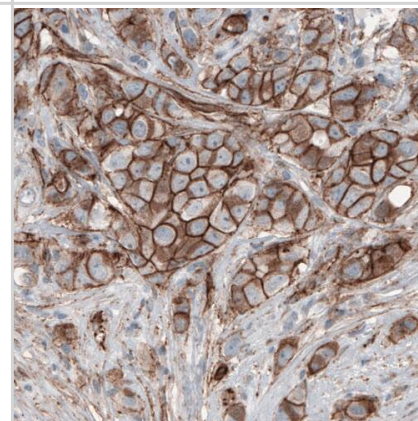
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line SK-MEL-30



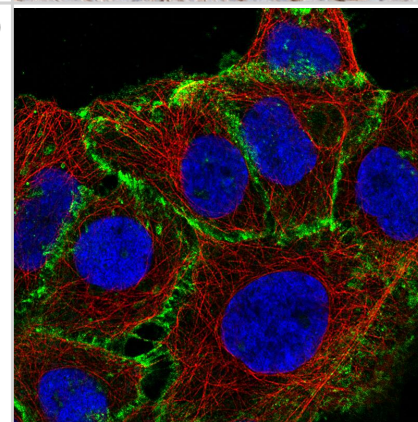
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line A-549



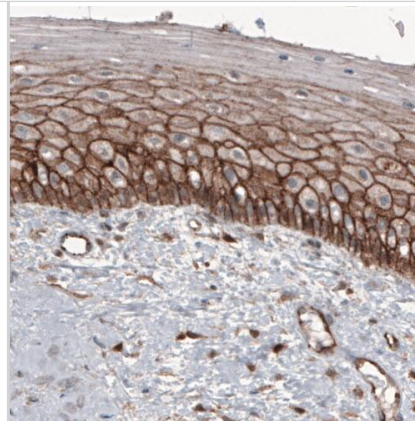
Staining of human breast cancer shows membranous immunoreactivity in tumor cells.



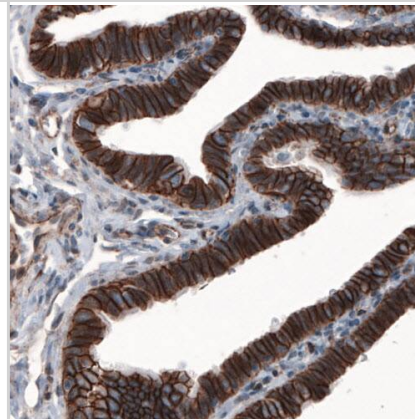
Staining of A-431 cells using the Anti-beta-Catenin monoclonal antibody)



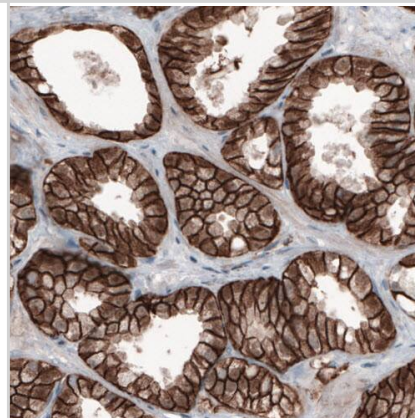
Staining of human cervix shows strong membranous positivity in epithelial cells.



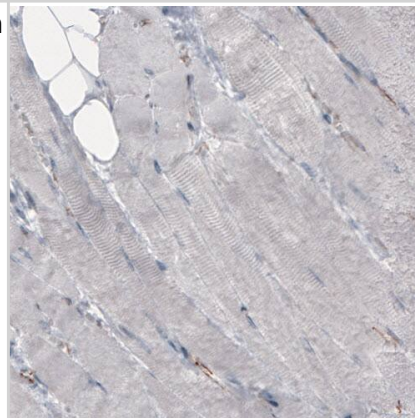
Staining of human fallopian tube shows strong membranous immunoreactivity in epithelial cells.



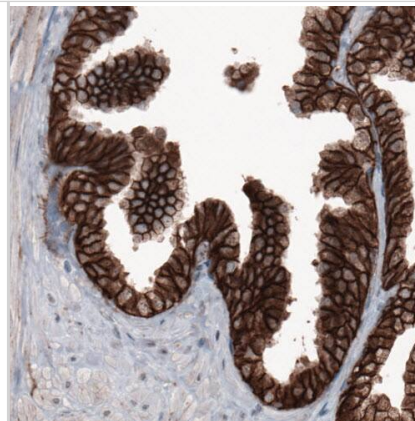
Staining of human prostate cancer shows membranous positivity in tumor cells.



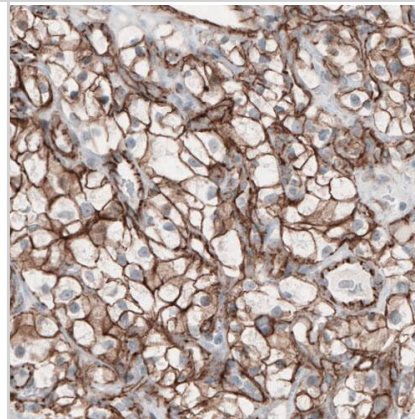
Staining of human skeletal muscle shows absence of immunoreactivity in muscle fibers (negative control).



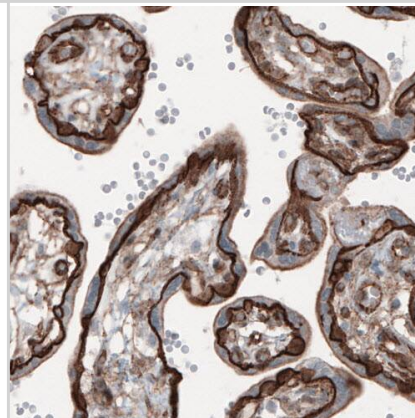
Staining of human prostate shows membranous immunoreactivity in epithelial cells.



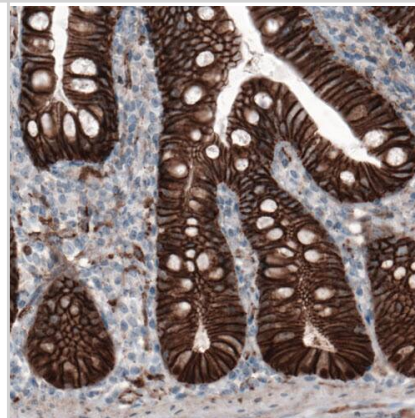
Staining of human renal cancer shows membranous positivity in tumor cells.



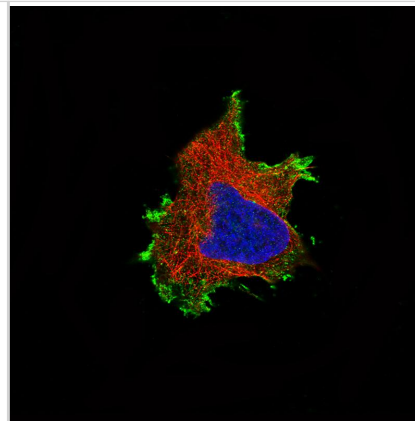
Staining of human placenta shows strong membranous positivity in trophoblast.



Staining of human small intestine shows strong membranous immunoreactivity in the epithelial cells.



Staining of U-251 cells using the Anti-beta-Catenin monoclonal antibody)





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Products Related to NBP3-44057

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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

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