

Product Datasheet

beta-Catenin Antibody (CL3691) - BSA Free NBP2-61629

Unit Size: 100 ul

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

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NBP2-61629

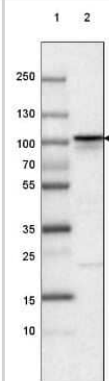
beta-Catenin Antibody (CL3691) - BSA Free

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	CL3691
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Mouse beta-Catenin Antibody (CL3691) - 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
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 1:10000 - 1:20000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

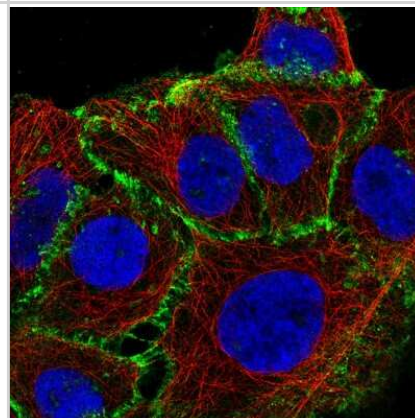


Images

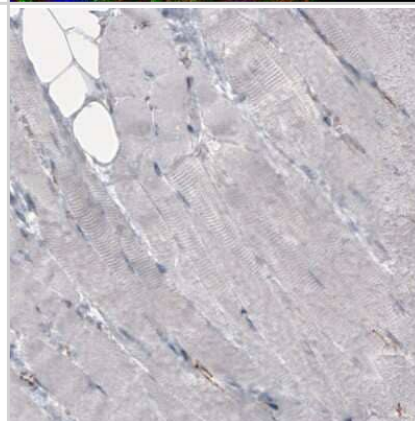
Western Blot: beta-Catenin Antibody (CL3691) [NBP2-61629] - Lane 1:
Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line A-549



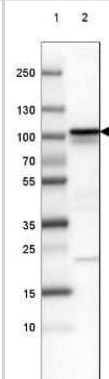
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of A-431 cells using the Anti-CTNNB1 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



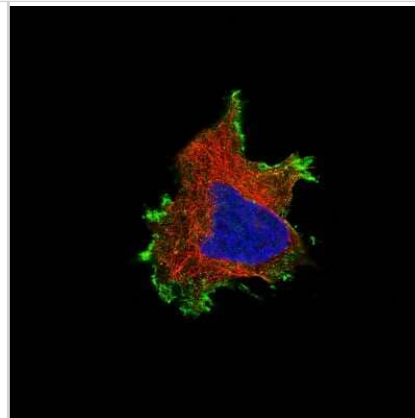
Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human skeletal muscle shows absence of immunoreactivity in muscle fibers (negative control).



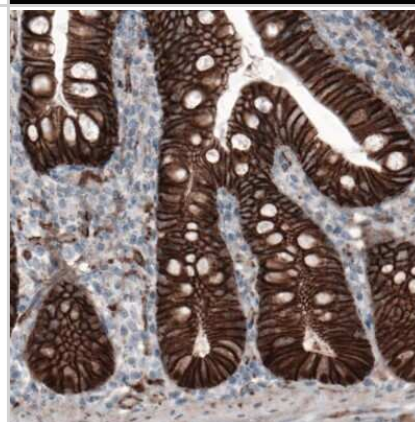
Western Blot: beta-Catenin Antibody (CL3691) [NBP2-61629] - Lane 1:
Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line SK-MEL-30



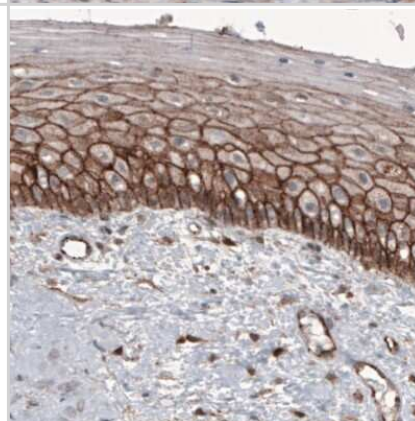
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of U-251 cells using the Anti-CTNNB1 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Immunohistochemistry: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human small intestine shows strong membranous immunoreactivity in the epithelial cells.



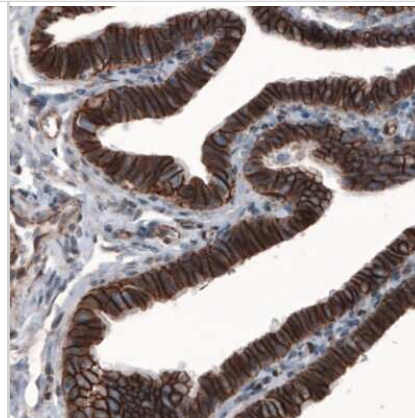
Immunohistochemistry: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human cervix shows strong membranous positivity in epithelial cells.



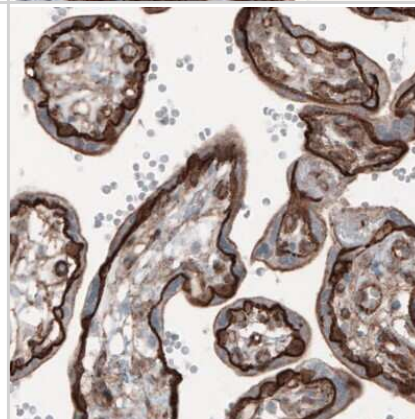
Immunohistochemistry: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human prostate shows membranous immunoreactivity in epithelial cells.



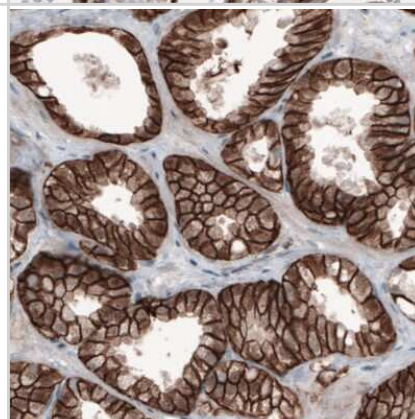
Immunohistochemistry: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human fallopian tube shows strong membranous immunoreactivity in epithelial cells.



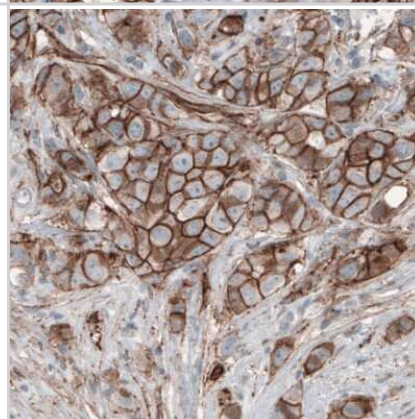
Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human placenta shows strong membranous positivity in trophoblast.



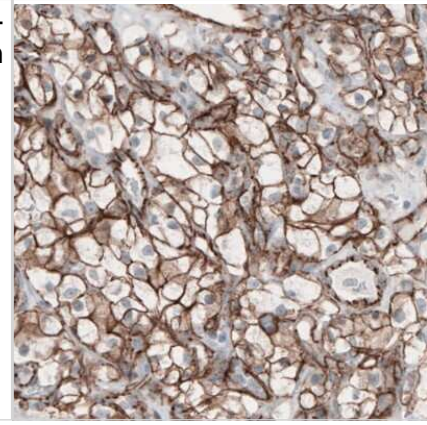
Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human prostate cancer shows membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human breast cancer shows membranous immunoreactivity in tumor cells.



Immunohistochemistry-Paraffin: beta-Catenin Antibody (CL3691) [NBP2-61629] - Staining of human renal cancer shows membranous positivity in tumor cells.





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Products Related to NBP2-61629

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-61628PEP	beta-Catenin 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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