

Product Datasheet

beta-Catenin Antibody (CL3689) - Azide and BSA Free NBP3-44056

Unit Size: 100 ug

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

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NBP3-44056

beta-Catenin Antibody (CL3689) - 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	CL3689
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	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

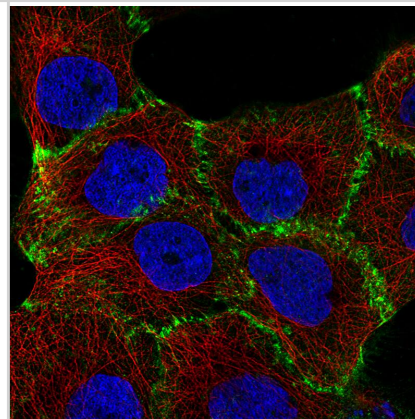
Product Description	
Description	Novus Biologicals Mouse beta-Catenin Antibody (CL3689) - Azide and BSA Free (NBP2-61628) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human
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 1:20000 - 1:50000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

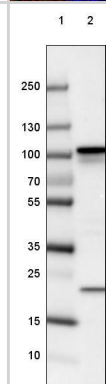


Images

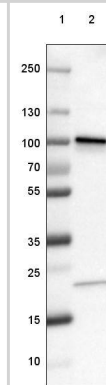
Staining of A-431 cells using the Anti-beta-Catenin monoclonal antibody)



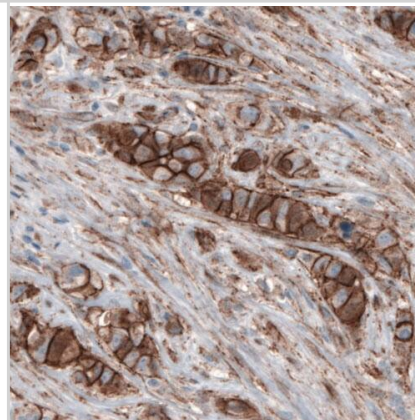
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line SK-MEL-30



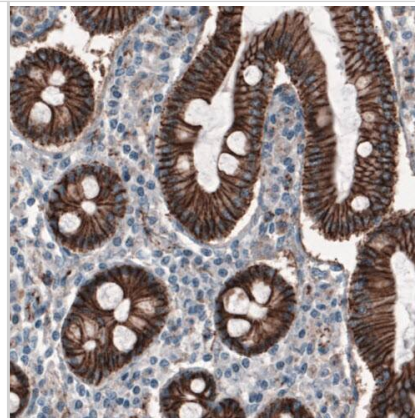
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human cell line A-549



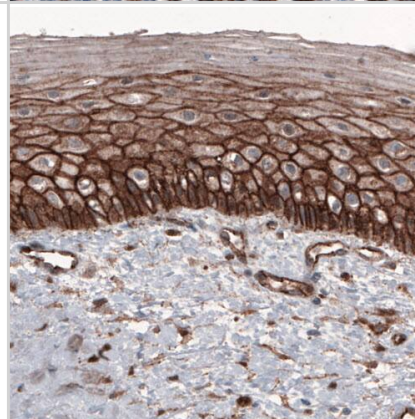
Staining of human breast cancer shows membranous immunoreactivity in tumor cells.



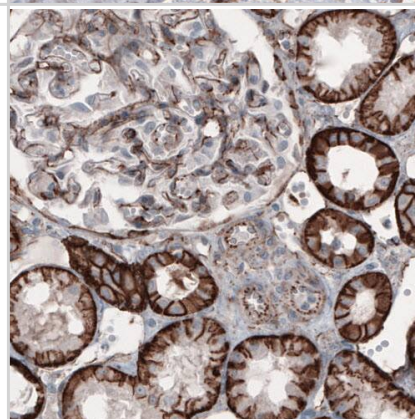
Staining of human duodenum shows strong membranous immunoreactivity in epithelial cells.



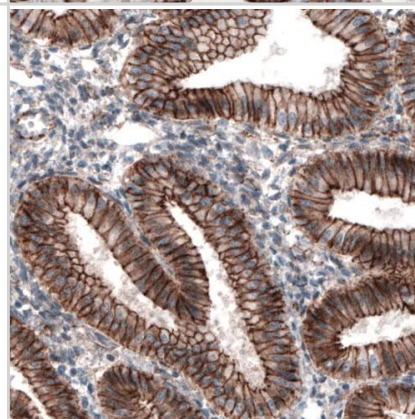
Staining of human cervix shows strong membranous positivity in epithelial cells.



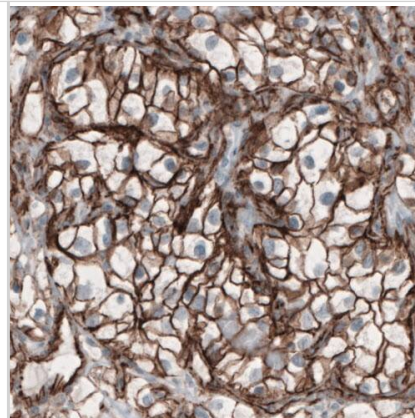
Staining of human kidney shows strong membranous positivity in renal tubules and glomerulus cells.



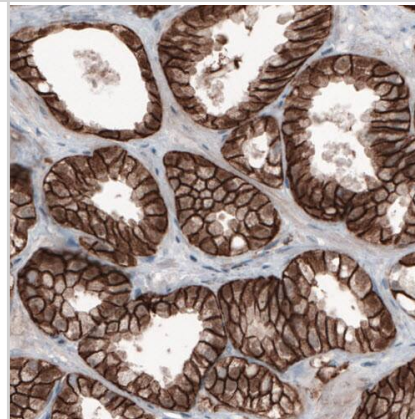
Staining of human endometrium shows strong membranous immunoreactivity in glandular epithelium.



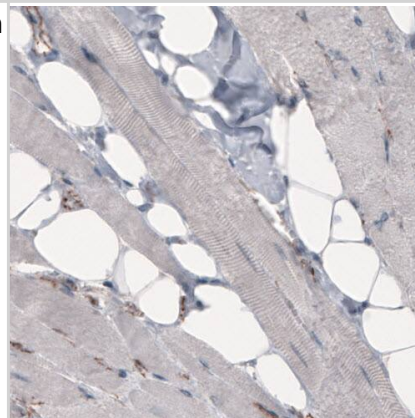
Staining of human renal cancer shows membranous positivity in tumor cells.



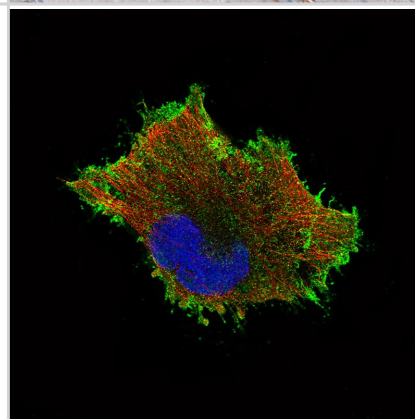
Staining of human prostate cancer shows membranous positivity in tumor cells.



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



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





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Products Related to NBP3-44056

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]
NBP1-96778	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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