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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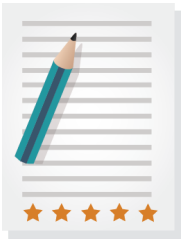
Updated 12/2/2025 v.20.1



NBP2-61628

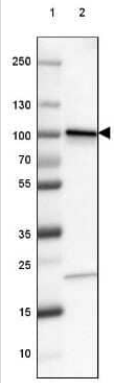
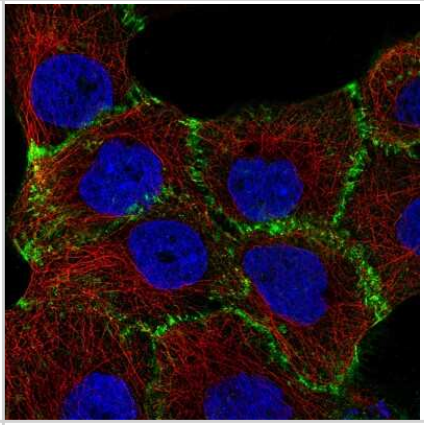
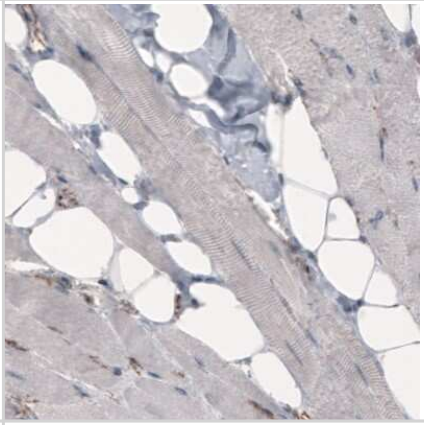
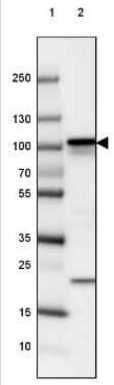
beta-Catenin Antibody (CL3689) - BSA Free

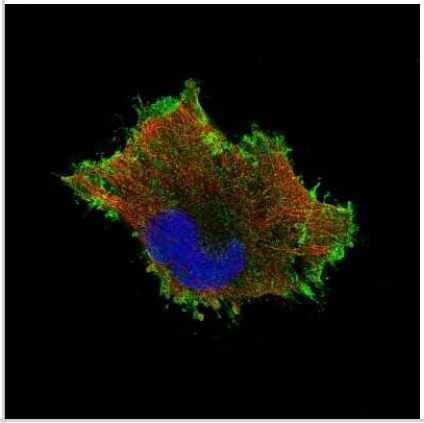
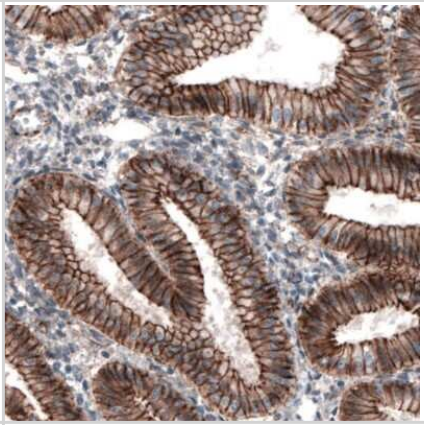
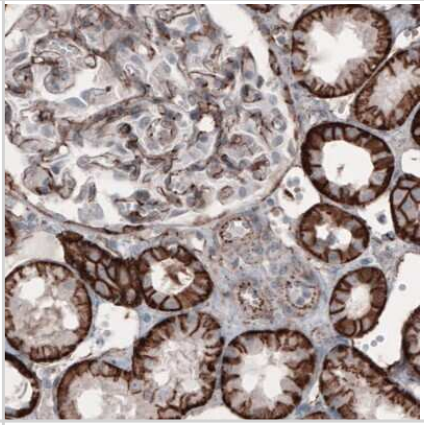
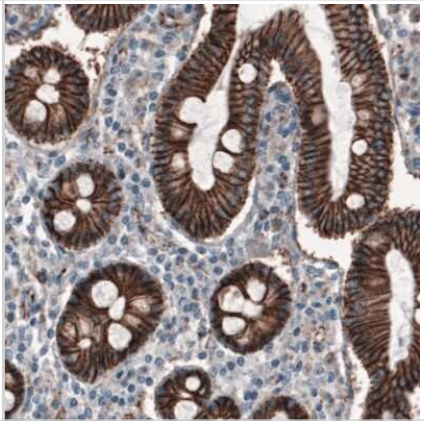
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3689
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

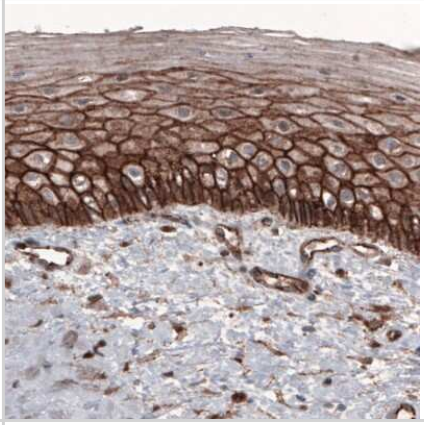
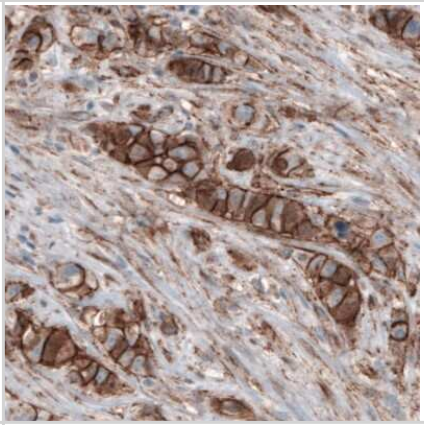
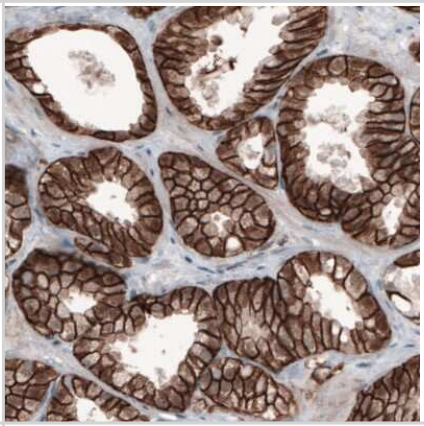
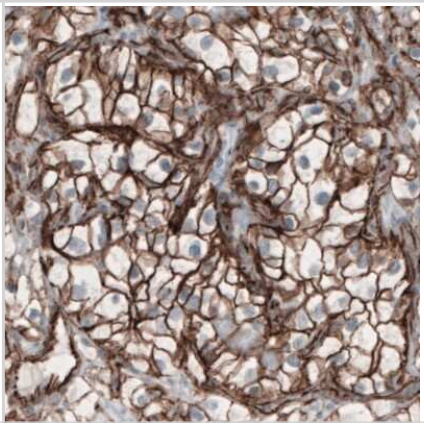
Product Description	
Description	Novus Biologicals Mouse beta-Catenin Antibody (CL3689) - BSA Free (NBP2-61628) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human
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
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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