

Product Datasheet

beta-Catenin Antibody (12F7) - Azide and BSA Free NBP2-80596

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-80596

beta-Catenin Antibody (12F7) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	12F7
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	92 kDa

Product Description	
Description	Novus Biologicals Mouse beta-Catenin Antibody (12F7) - Azide and BSA Free (NBP1-54467) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1499
Gene Symbol	CTNNB1
Species	Human, Mouse, Rat, Duck, Chicken, Primate
Immunogen	Recombinant chicken beta Catenin fused to maltose binding protein. [UniProt# O42486]

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:100, Flow Cytometry, Immunohistochemistry 1:100-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:200, Flow (Intracellular), CyTOF-ready
Application Notes	<p>This beta Catenin (12F7) antibody is useful for IHC-P sections, ICC/IF, IP and WB, where a band can be seen at approx. 92 kDa.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.</p> <p>See Simple Western Antibody Database for Simple Western validation: antibody dilution of 1:100. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

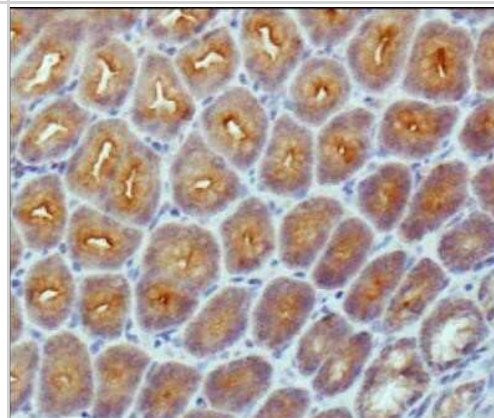


Images

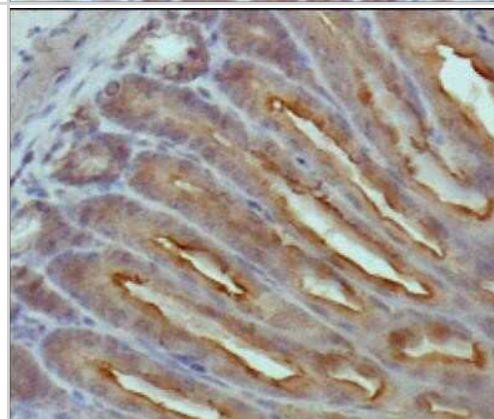
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Total protein from human HepG2 and HeLa cells, rat PC12 cells and mouse 3T3 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 ug/ml anti-Beta catenin in 1% non-fat milk in TBST and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



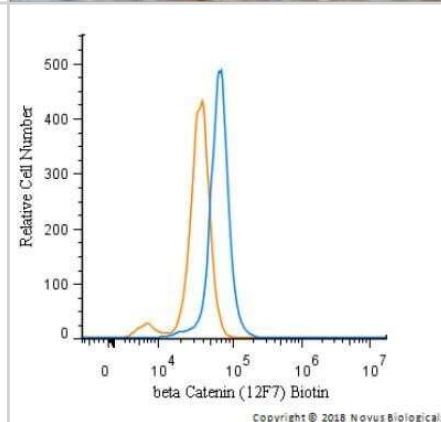
Immunocytochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta-Catenin in mouse intestine using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



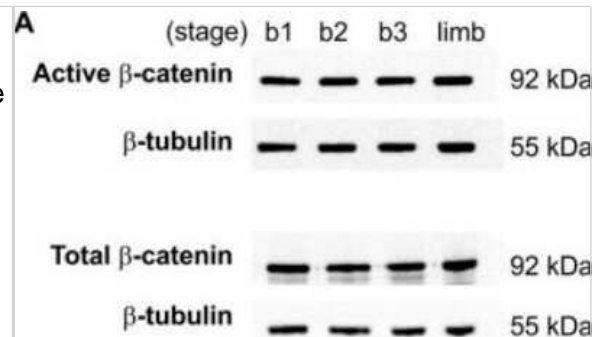
Immunohistochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta Catenin in mouse intestine using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



Flow Cytometry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - An intracellular stain was performed on SK-MEL-28 cells with beta-Catenin Antibody [12F7] NBP1-54467B (blue) and a matched isotype control (orange). Both antibodies were directly conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals). Image from the standard format of this antibody.



Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Activity of Wnt/beta-catenin pathway in the embryonic chick lung. Western blot analysis of active and total beta-catenin in stage b1, b2 and b3 lungs, and stage 24 limb (as positive control). Control loading was performed using beta-tubulin (55 kDa). Total and active beta-catenin correspond to 92 kDa. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0112388>), licensed under a CC-BY license. Image from the standard format of this antibody.



Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta Catenin expression in 1) HepG2, 2) MCF7, and 3) Cos7 whole cell lysates using NBP1-54467. Image from the standard format of this antibody.



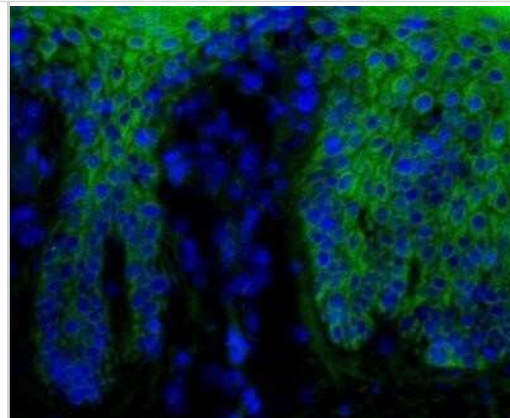
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta- Catenin in embryonic lung (lane 1) and embryonic limb (lane 2) lysates using anti-beta- Catenin antibody. Each lane was loaded with 5ug of protein sample. Image from verified customer review. Image from the standard format of this antibody.



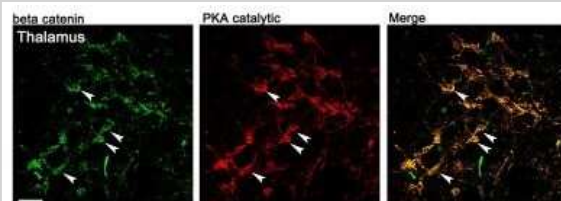
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - The beta- Catenin antibody was tested in MCF-7 cells against Dylight 488 (Green). Actin and nuclei were counterstained against Phalloidin 550 (Red) and DAPI (Blue). Image from the standard format of this antibody.



Immunohistochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Beta-catenin (green) was detected in human skin (psoriasis) using beta-catenin-FITC antibody (1:40) in PBS for 1 hour. Nuclei were stained with Dapi (blue). Image from verified customer review. Image using the FITC format of this antibody. Image from the



Immunohistochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - IF beta-Catenin staining of mouse brain tissue. This image submitted by a verified customer review. Image from the standard format of this antibody.



Mouse beta-catenin antibody (Novus, #NBP1-24456)

Simple Western: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Simple Western lane view shows a specific band for Beta- Catenin in 0.5 mg/ml of HepG2 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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Products Related to NBP2-80596

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)

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