

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

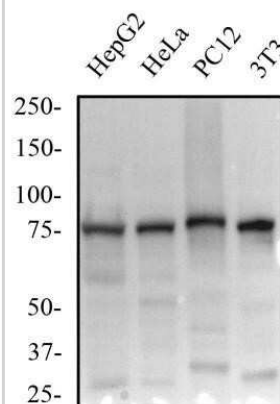
beta-Catenin Antibody (12F7) - Azide and BSA Free

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	
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, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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

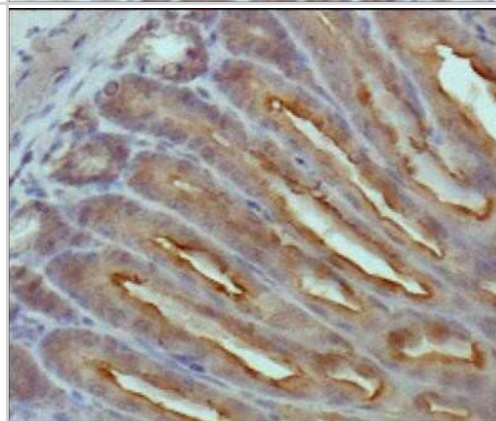
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Total protein from human HepG2 and HeLa cells, rat PC12 cells and mouse 3T3 cells was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1.0 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.



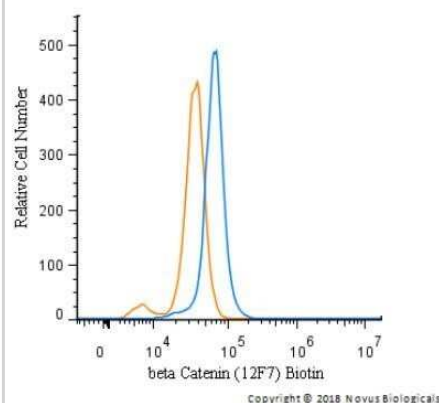
Immunocytochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta-Catenin in mouse intestine using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



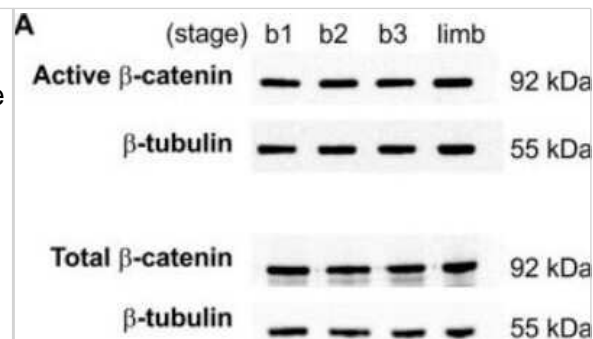
Immunohistochemistry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta Catenin in mouse intestine using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



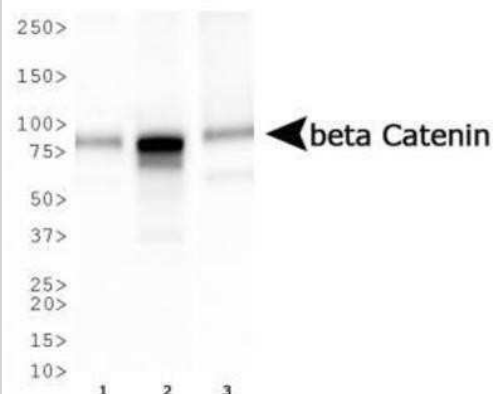
Flow Cytometry: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - An intracellular stain was performed on SK-MEL-28 cells with beta-Catenin Antibody [12F7] NBP1-54467B (blue) and a matched isotype control (orange). Both antibodies were directly conjugated to Biotin. Cells were fixed with 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.



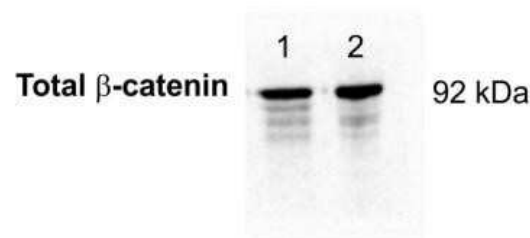
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Activity of Wnt/beta-catenin pathway in the embryonic chick lung. Western blot analysis of active and total beta-catenin in stage b1, b2 and b3 lungs, and stage 24 limb (as positive control). Control loading was performed 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.



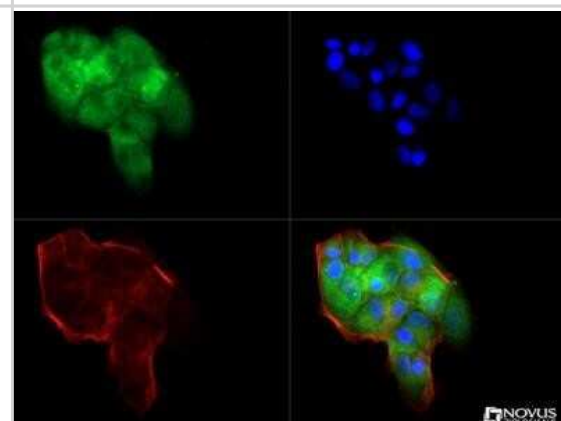
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta Catenin expression in 1) HepG2, 2) MCF7, and 3) Cos7 whole cell lysates using NBP1-54467. Image from the standard format of this antibody.



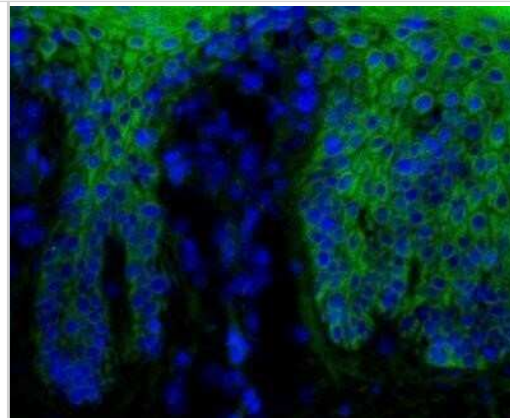
Western Blot: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - Analysis of beta- Catenin in embryonic lung (lane 1) and embryonic limb (lane 2) lysates using anti-beta- Catenin antibody. Each lane was loaded with 5ug of protein sample. Image from verified customer review. Image from the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



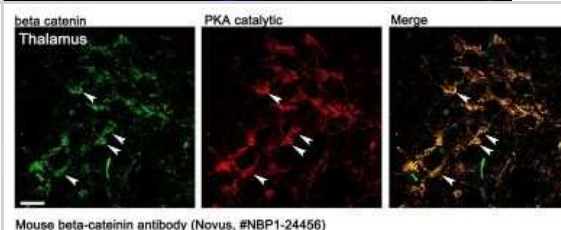
Immunocytochemistry/Immunofluorescence: beta-Catenin Antibody (12F7) - Azide and BSA Free [NBP2-80596] - The beta- Catenin antibody was tested in MCF-7 cells against Dylight 488 (Green). Actin and nuclei were counterstained against Phalloidin 550 (Red) and DAPI (Blue). Image from the standard format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

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