

# Product Datasheet

## beta-Catenin Antibody (A6-F8-R) NBP3-32079

Unit Size: 100 ul

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

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**NBP3-32079**

beta-Catenin Antibody (A6-F8-R)

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A6-F8-R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	85.5 kDa

Product Description	
<b>Description</b>	Novus Biologicals Mouse beta-Catenin Antibody (A6-F8-R) (NBP3-32079) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1499
<b>Gene Symbol</b>	CTNNB1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide (KLH-coupled) within human Beta-catenin aa 320-400. (Uniprot: P35222)

Product Application Details	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



## Images

Western Blot: beta-Catenin Antibody (A6-F8-R) [NBP3-32079] - Western blot analysis of beta-Catenin on different lysates with Mouse anti-beta-Catenin antibody (NBP3-32079) at 1/1,000 dilution.

Lane 1: 293T cell lysate  
 Lane 2: A431 cell lysate  
 Lane 3: NCCIT cell lysate  
 Lane 4: SW480 cell lysate  
 Lane 5: HT-29 cell lysate  
 Lane 6: HCT 116 cell lysate

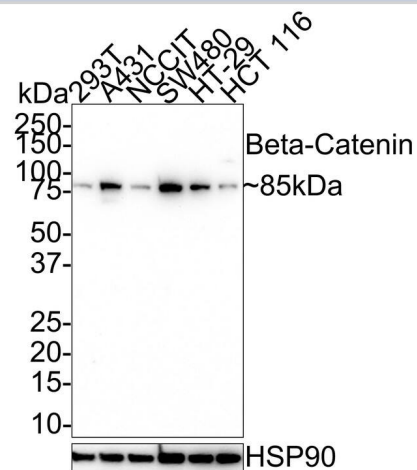
Lysates/proteins at 20 ug/Lane.

Predicted band size: 85 kDa  
 Observed band size: 85 kDa

Exposure time: 5 minutes;

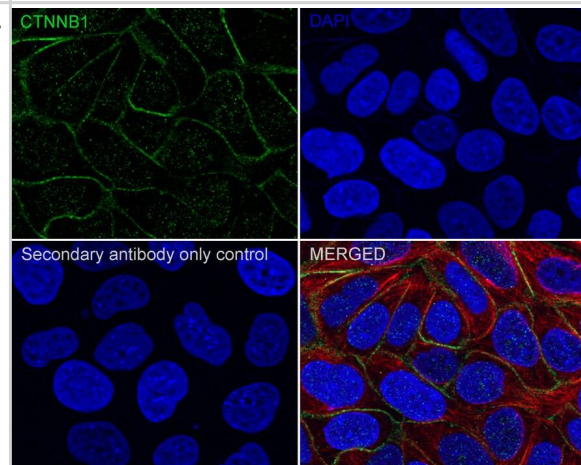
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32079) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence: beta-Catenin Antibody (A6-F8-R) [NBP3-32079] - Immunocytochemistry analysis of MCF7 cells labeling beta-Catenin with Mouse anti-beta-Catenin antibody (NBP3-32079) at 1/100 dilution.

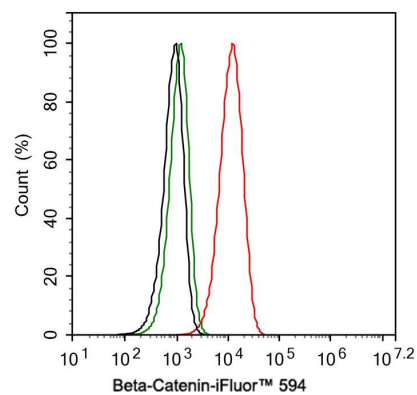
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-beta-Catenin antibody (NBP3-32079) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: beta-Catenin Antibody (A6-F8-R) [NBP3-32079] - Flow cytometric analysis of MCF7 cells labeling beta-Catenin.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32079, 1 µg/mL) (red) compared with Mouse IgG1 Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 594 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### Products Related to NBP3-32079

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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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### 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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