

Product Datasheet

ACTR1B Antibody (JE65-44)

NBP3-31999

Unit Size: 100 ul

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

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NBP3-31999

ACTR1B Antibody (JE65-44)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE65-44
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	42 kDa

Product Description	
Description	Novus Biologicals Rabbit ACTR1B Antibody (JE65-44) (NBP3-31999) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10120
Gene Symbol	ACTR1B
Species	Human
Immunogen	Recombinant protein within human ACTR1B aa 277-376/376. (Uniprot: P42025)

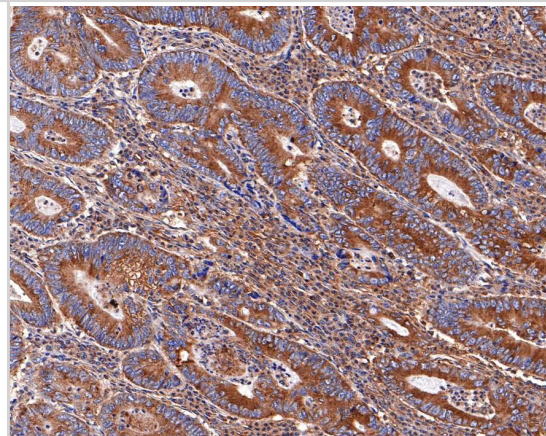
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:400



Images

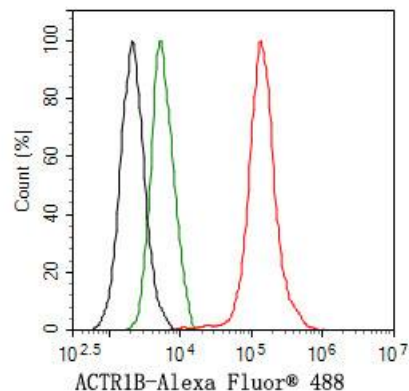
Immunohistochemistry: ACTR1B Antibody (JE65-44) [NBP3-31999] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-ACTR1B antibody (NBP3-31999) at 1/400 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-31999) at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Flow Cytometry: ACTR1B Antibody (JE65-44) [NBP3-31999] - Flow cytometric analysis of HepG2 cells labeling ACTR1B.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-31999, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a Alexa Fluor® 488 conjugate-Goat anti-Rabbit 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).



Western Blot: ACTR1B Antibody (JE65-44) [NBP3-31999] - Western blot analysis of ACTR1B on HepG2 cell lysates with Rabbit anti-ACTR1B antibody (NBP3-31999) at 1/1,000 dilution.

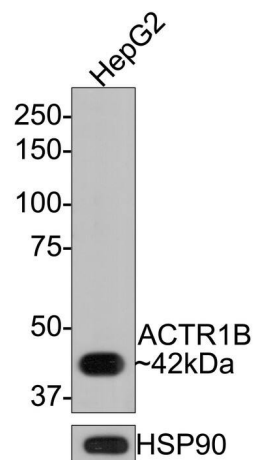
Lysates/proteins at 10 ug/Lane.

Predicted band size: 42 kDa
Observed band size: 42 kDa

Exposure time: 2 minutes;

8% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-31999) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-31999

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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