

# 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)

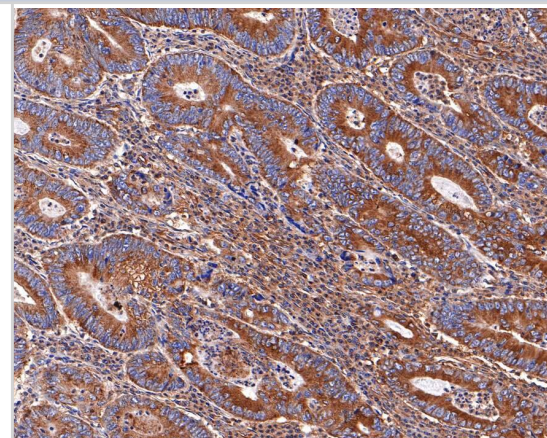
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:400



## Images

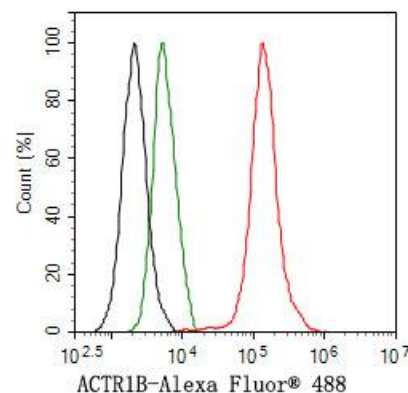
**Immunohistochemistry: ACTR1B Antibody (JE65-44) [NBP3-31999] -** Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Rabbit anti-ACTR1B antibody (NBP3-31999) at 1/400 dilution.

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 ddH<sub>2</sub>O 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.

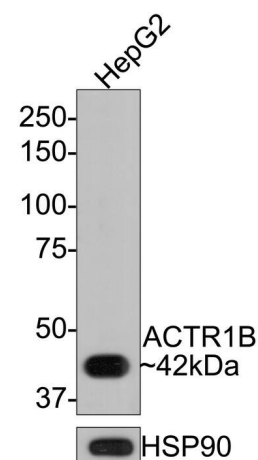
Lysates/proteins at 10 ug/Lane.

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% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-31999) at 1/1,000 dilution was used in 5% NFDm/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**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010120-P01-10ug	Recombinant Human ACTR1B GST (N-Term) Protein

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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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