

Product Datasheet

Cofilin Antibody (PSH0-33)

NBP3-32204

Unit Size: 100 ul

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

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NBP3-32204

Cofilin Antibody (PSH0-33)

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	PSH0-33
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	19 kDa

Product Description	
Description	Novus Biologicals Rabbit Cofilin Antibody (PSH0-33) (NBP3-32204) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1072
Gene Symbol	CFL1
Species	Human, Mouse, Rat, Monkey
Immunogen	Synthetic peptide within human Cofilin aa 117-166 / 166. (Uniprot: P23528)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: Cofilin Antibody (PSH0-33) [NBP3-32204] - Western blot analysis of Cofilin on different lysates with Rabbit anti-Cofilin antibody (NBP3-32204) at 1/1,000 dilution.

Lane 1: Hela cell lysate (30 ug/Lane)
 Lane 2: HEK-293 cell lysate (30 ug/Lane)
 Lane 3: MCF-7 cell lysate (30 ug/Lane)
 Lane 4: MDA-MB-468 cell lysate (24 ug/Lane)
 Lane 5: K-562 cell lysate (16 ug/Lane)
 Lane 6: SH-SY5Y cell lysate (22 ug/Lane)
 Lane 7: HUVEC cell lysate (30 ug/Lane)
 Lane 8: Jurkat cell lysate (30 ug/Lane)
 Lane 9: A431 cell lysate (20 ug/Lane)
 Lane 10: COS-1 cell lysate (30 ug/Lane)
 Lane 11: VERO cell lysate (30 ug/Lane)
 Lane 12: NIH/3T3 cell lysate (22 ug/Lane)
 Lane 13: PC-12 cell lysate (30 ug/Lane)
 Lane 14: Neuro-2a cell lysate (19 ug/Lane)

Predicted band size: 19 kDa
 Observed band size: 19 kDa

Exposure time: 20 seconds;

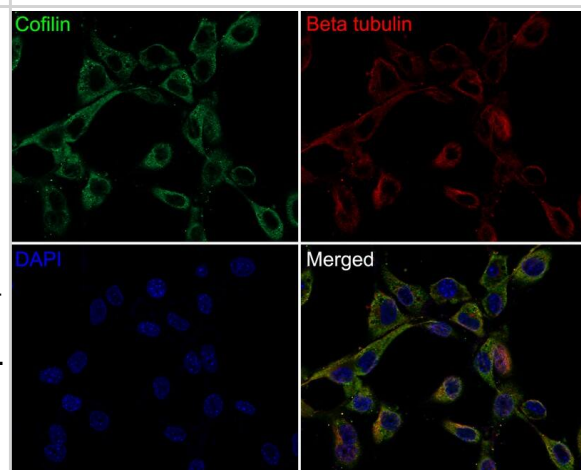
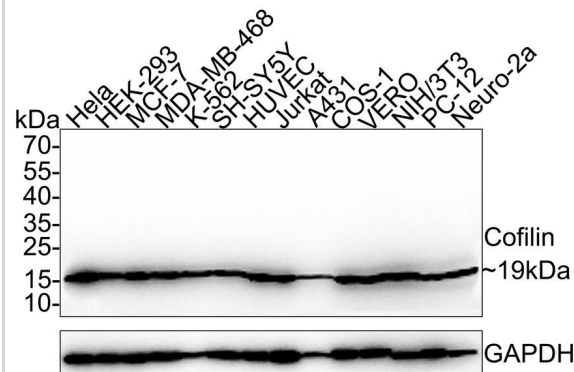
15% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32204) 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 1:200,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: Cofilin Antibody (PSH0-33) [NBP3-32204] - Immunocytochemistry analysis of NIH/3T3 cells labeling Cofilin with Rabbit anti-Cofilin antibody (NBP3-32204) at 1/100 dilution.

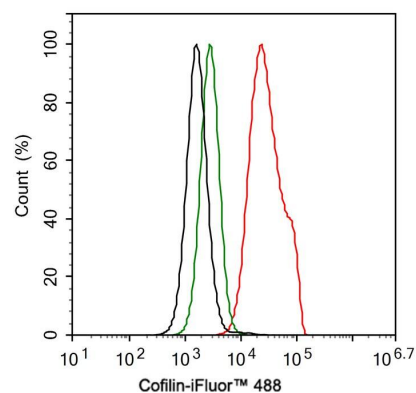
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Cofilin antibody (NBP3-32204) at 1/100 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

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



Flow Cytometry: Cofilin Antibody (PSH0-33) [NBP3-32204] - Flow cytometric analysis of Hela cells labeling Cofilin.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32204, 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 iFluor™ 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).





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Products Related to NBP3-32204

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18535	Recombinant Human Cofilin His Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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