

# 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;

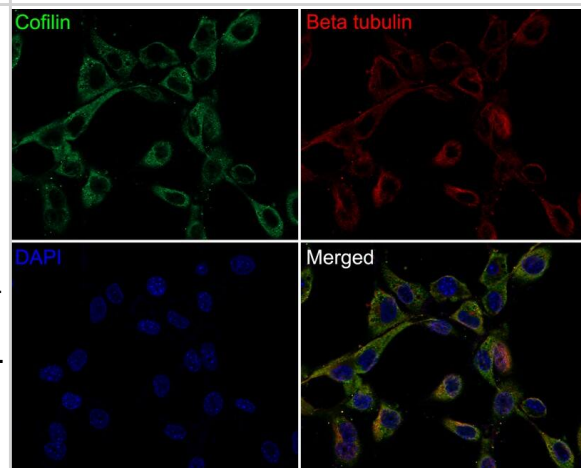
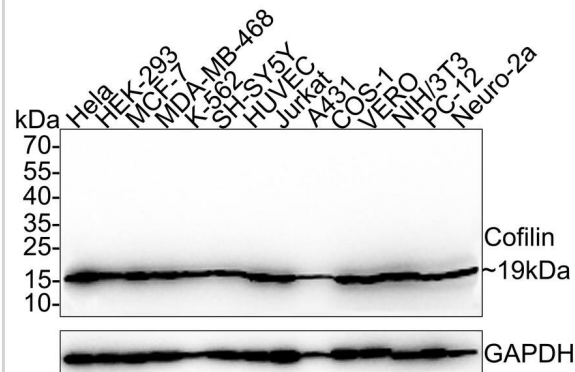
15% SDS-PAGE gel.

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.

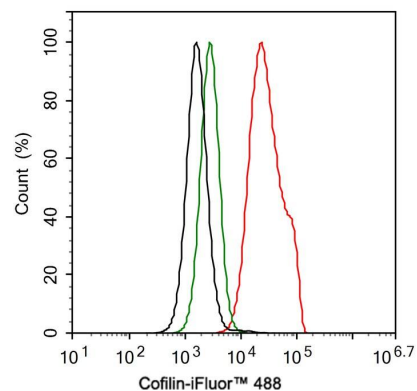
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Cofilin antibody (NBP3-32204) at 1/100 dilution in 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 +4h 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 +4h. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32204**

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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

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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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