

Product Datasheet

Vimentin [p Ser38] Antibody (JE43-26) NBP3-32816

Unit Size: 100 ul

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

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NBP3-32816

Vimentin [p Ser38] Antibody (JE43-26)

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	JE43-26
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	54 kDa
Product Description	
Host	Rabbit
Gene ID	7431
Gene Symbol	VIM
Species	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Ser38 of human vimentin protein. (Uniprot: P08670)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: Vimentin [p Ser38] Antibody (JE43-26) [NBP3-32816] - Western blot analysis of Vimentin on different lysates with Rabbit anti-Vimentin antibody (NBP3-32816) at 1/1,000 dilution.

Lane 1: HeLa whole cell lysate

Lane 2: HeLa treated with 100nM Calyculin A for 30 minutes whole cell lysate

Lane 3: HeLa treated with 100nM Calyculin A for 30 minutes whole cell lysate, then the membrane treated with pp for 1 hour

Lysates/proteins at 20 ug/Lane.

Predicted band size: 54 kDa

Observed band size: 54 kDa

Exposure time: 10 seconds;

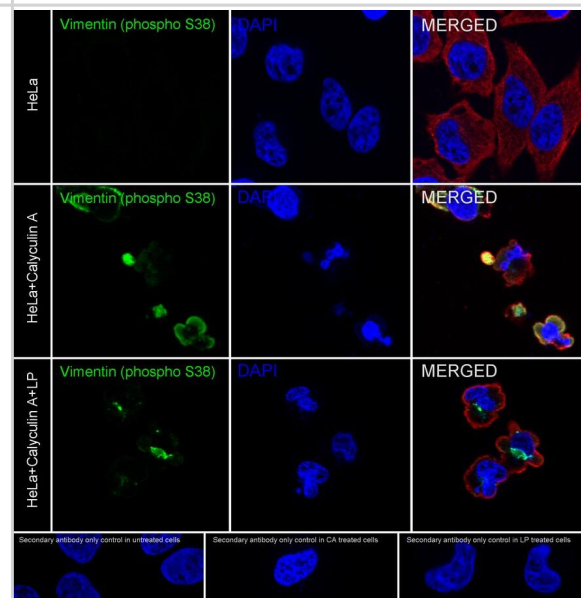
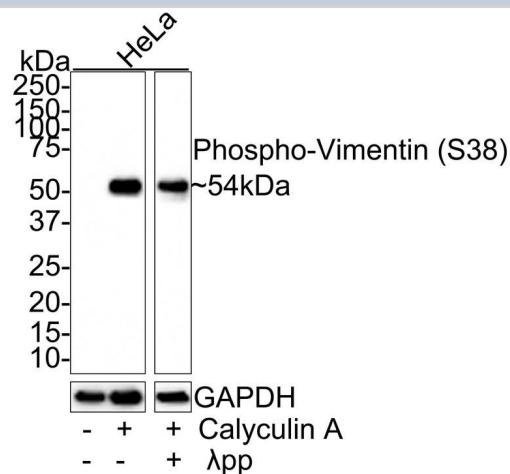
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32816) 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 1/100,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: Vimentin [p Ser38] Antibody (JE43-26) [NBP3-32816] - Immunocytochemistry analysis of HeLa cells treated with or without 100nM Calyculin A for 30 minutes, then treated with λ pp for 1 hour labeling Vimentin with Rabbit anti-Vimentin antibody (NBP3-32816) 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-Vimentin antibody (NBP3-32816) 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.





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Products Related to NBP3-32816

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35139-100ug	Recombinant Human Vimentin 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.

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