

Product Datasheet

Vinculin Antibody (9I3Y8)

NBP3-16145-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 2/17/2026 v.20.1

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NBP3-16145-100ul

Vinculin Antibody (9I3Y8)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9I3Y8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	124 kDa

Product Description	
Description	Novus Biologicals Rabbit Vinculin Antibody (9I3Y8) (NBP3-16145) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7414
Gene Symbol	VCL
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 800-900 of human Vinculin (NP_054706.1). DAKAVAGNISDPGLQKSFLDSGYRILGAVAKVREAFQPQEPDFPPPPPDLEQL RLTDELAPPKPPLPEGEVPPPRPPPPEEKDEEFPEQKAGEVINQPM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:50000 - 1:200000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:800 - 1:3200, Immunocytochemistry/Immunofluorescence 1:800 - 1:3200, Immunohistochemistry-Paraffin 1:800 - 1:3200



Images

Western Blot: Vinculin Antibody (9I3Y8) [NBP3-16145] - Western blot analysis of lysates from HeLa cells using Vinculin Rabbit mAb at 1:320000-1:1280000 dilution incubated overnight at 4C.

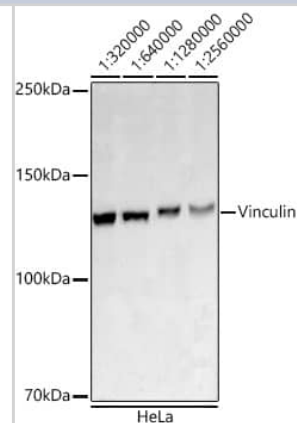
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

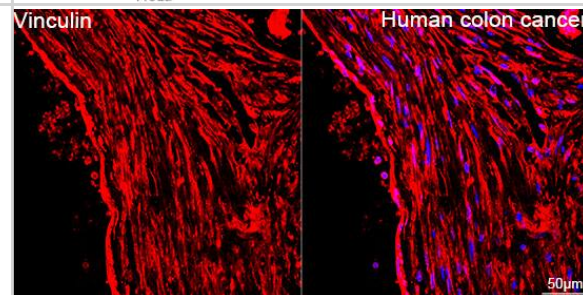
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 10s.

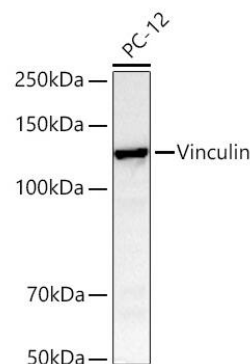


Immunocytochemistry/ Immunofluorescence: Vinculin Antibody (9I3Y8) [NBP3-16145] - Confocal imaging of paraffin-embedded Human colon cancer tissue using Vinculin Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

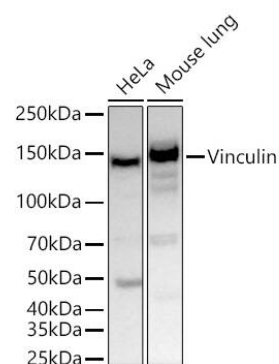


Analysis of lysates from PC-12 cells using Vinculin Rabbit mAb at 1:200000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Analysis of various lysates using Vinculin Rabbit mAb at 1:50000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.





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Products Related to NBP3-16145-100ul

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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