

Product Datasheet

Integrin alpha 2/CD49b Antibody - BSA Free NBP3-03851-100ul

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-03851-100ul

Integrin alpha 2/CD49b Antibody - BSA Free

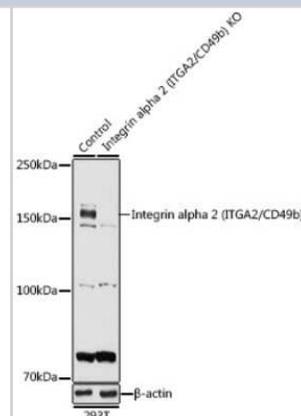
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	129 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Integrin alpha 2/CD49b Antibody - BSA Free (NBP3-03851) is a polyclonal 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	3673
Gene Symbol	ITGA2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 30-162 of human Integrin alpha 2/CD49b (NP_002194.2). YNVGLPEAKIFSGPSSEQFGYAVQQFINPKGNWLLVGSPWSGFPENRMGDVY KCPVDLSTATCEKLNLTSTSTIPNVTEMKTNMSLGLILTRNMGTGGFLTCTGPLV AQQCGNQYYTTGVCSDISPFDQLSASF

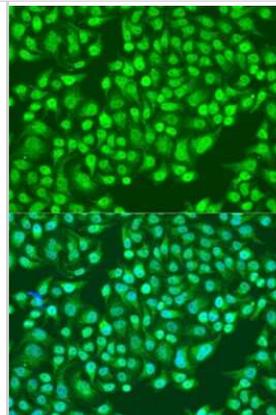
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

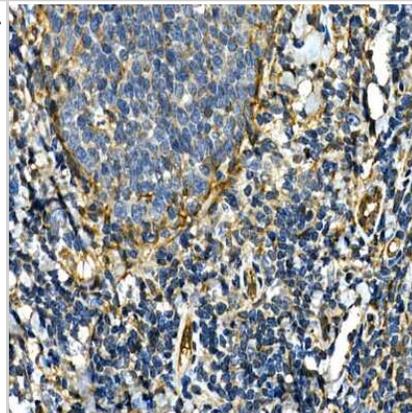
Western Blot: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Western blot analysis of extracts from normal (control) and Integrin alpha 2/CD49b knockout (KO) 293T cells, using Integrin alpha 2/CD49b antibody (NBP3-03851) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



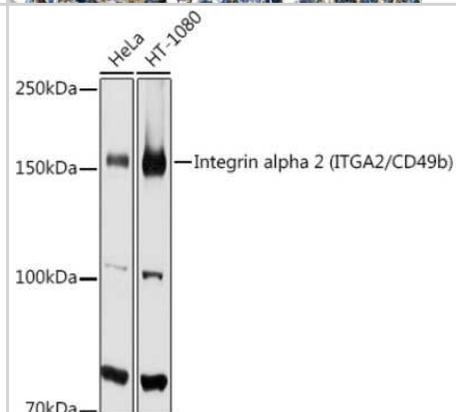
Immunocytochemistry/Immunofluorescence: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Analysis of U2OS cells using Integrin alpha 2/CD49b antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



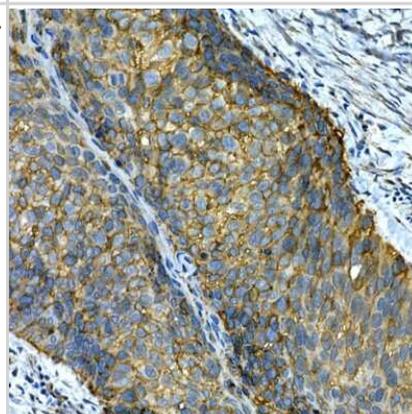
Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Immunohistochemistry of paraffin-embedded human tonsil using [KO Validated] Integrin alpha 2/CD49b Rabbit pAb (NBP3-03851) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



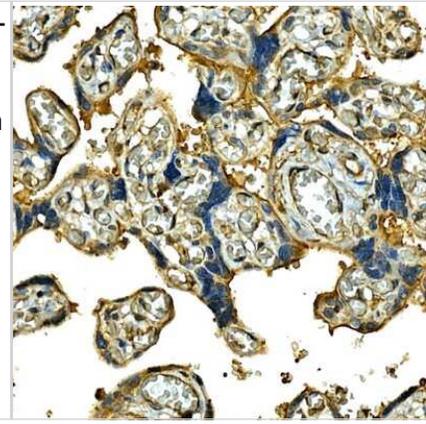
Western Blot: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Western blot analysis of extracts of various cell lines, using Integrin alpha 2/CD49b antibody (NBP3-03851) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Immunohistochemistry of paraffin-embedded human lung cancer using [KO Validated] Integrin alpha 2/CD49b Rabbit pAb (NBP3-03851) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Immunohistochemistry of paraffin-embedded human placenta using [KO Validated] Integrin alpha 2/CD49b Rabbit pAb (NBP3-03851) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.





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Products Related to NBP3-03851-100ul

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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