

Product Datasheet

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

Unit Size: 100 ul

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

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Updated 1/27/2025 v.20.1

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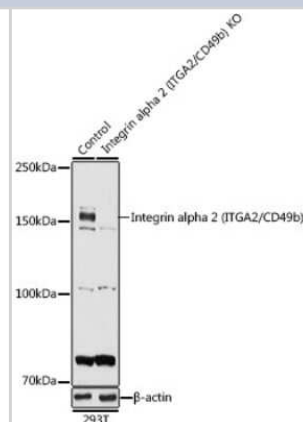
NBP3-03851-100ul

Integrin alpha 2/CD49b Antibody - Azide and BSA Free

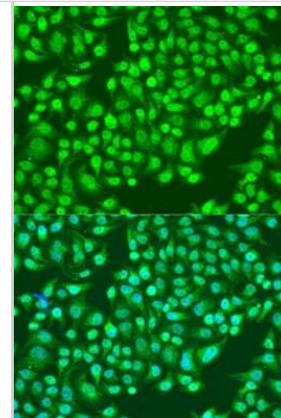
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	129 kDa
Product Description	
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). YNVGLPEAKIFSGPSSEQFGYAVQQFINPKGNWLLVGSPWSGFENRMGDVY KCPVDLSTATCEKLNLTSTSTIPNVTEMKTNMSLGLILTRNMGTGGFLTCTGPLW AQQCGNQYYTTGVCSDISPDLQLSASF
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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

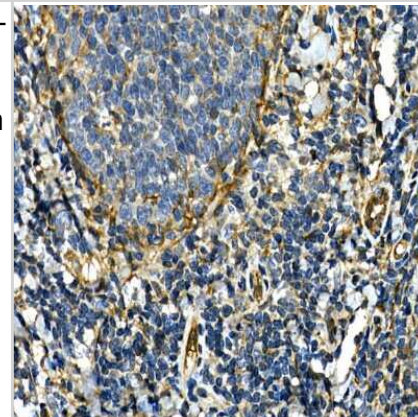
Western Blot: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Western blot analysis of extracts from normal (control) and Integrin alpha 2/CD49b knockout (KO) 293T cells, using Integrin alpha 2/CD49b antibody (NBP3-03851) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000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



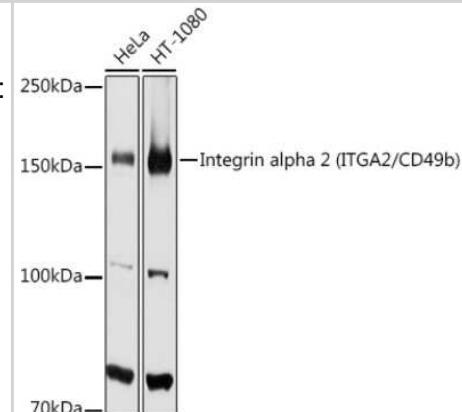
Immunocytochemistry/Immunofluorescence: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Analysis of U2OS cells using Integrin alpha 2/CD49b antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



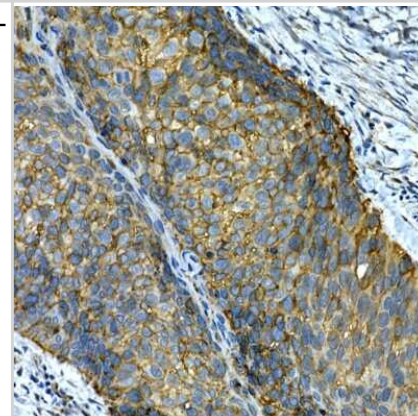
Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Immunohistochemistry of paraffin-embedded human tonsil using [KO Validated] Integrin alpha 2/CD49b Rabbit pAb (NBP3-03851) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH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



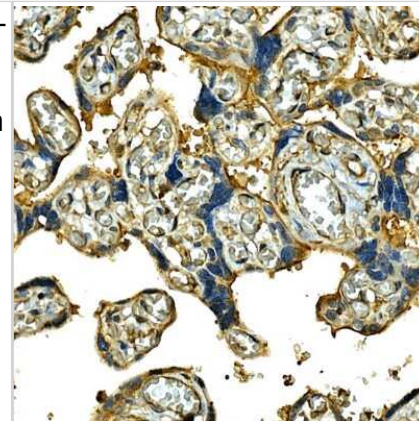
Western Blot: Integrin alpha 2/CD49b Antibody [NBP3-03851] - Western blot analysis of extracts of various cell lines, using Integrin alpha 2/CD49b antibody (NBP3-03851) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking 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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-03851-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003673-Q01-10ug	Recombinant Human Integrin alpha 2/CD49b GST (N-Term) 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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