

Product Datasheet

Integrin alpha 2/CD49b Antibody (SN0752) NBP2-67691

Unit Size: 100 ul

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

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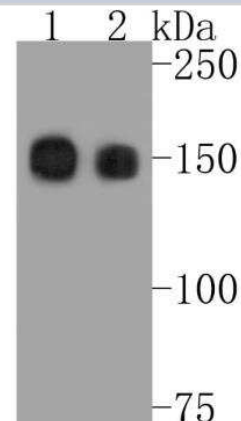
NBP2-67691

Integrin alpha 2/CD49b Antibody (SN0752)

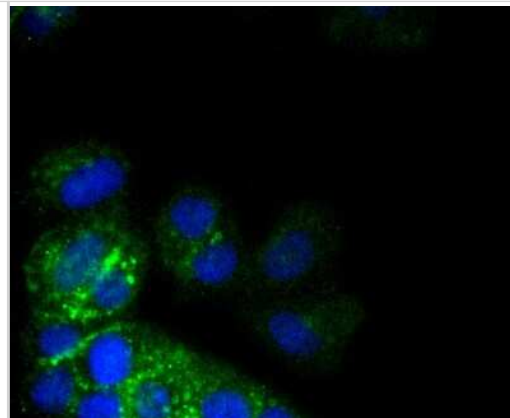
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN0752
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	3673
Gene Symbol	ITGA2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Integrin alpha 2/CD49b aa 1,132-1,181 / 1,181. (SwissProt: P17301 Human; SwissProt: Q62469 Mouse; Unigene:83597 Rat)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	IP: Use at an assay dependent concentration.

Images

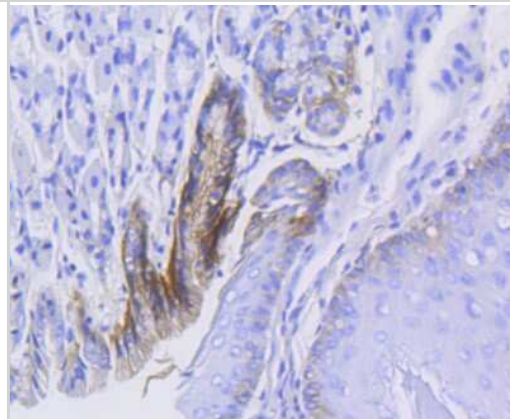
Western Blot: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - analysis of Integrin alpha 2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: MCF-7 cell lysate Lane 2: A431 cell lysate



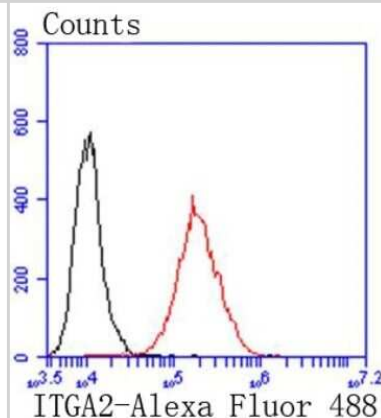
Immunocytochemistry/Immunofluorescence: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Staining ITGA2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



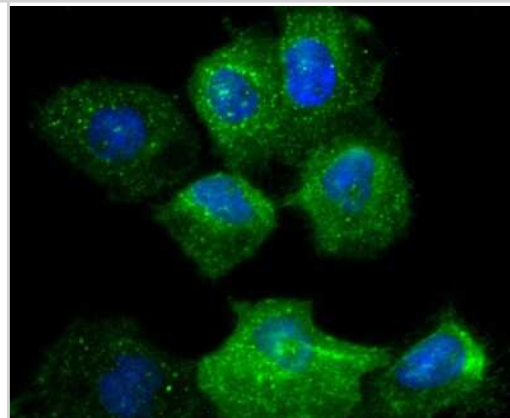
Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of paraffin-embedded mouse stomach tissue using anti-ITGA2 antibody. Counter stained with hematoxylin.



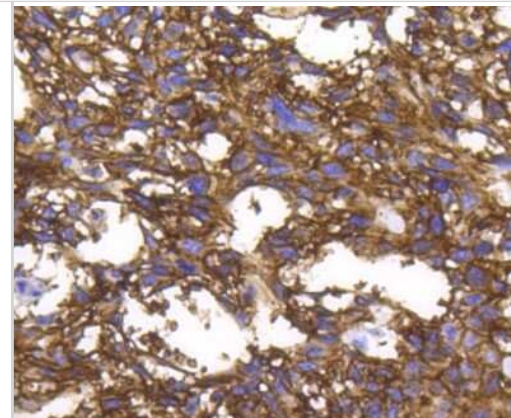
Flow Cytometry: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of A431 cells with ITGA2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



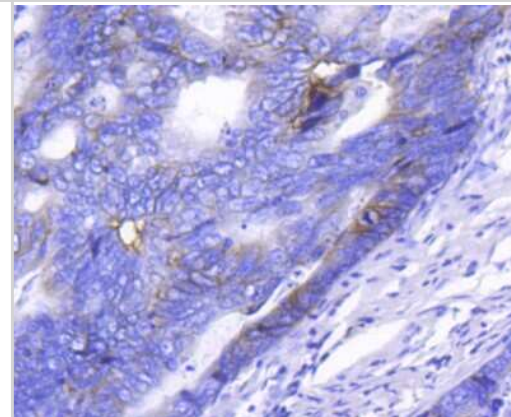
Immunocytochemistry/Immunofluorescence: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Staining ITGA2 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



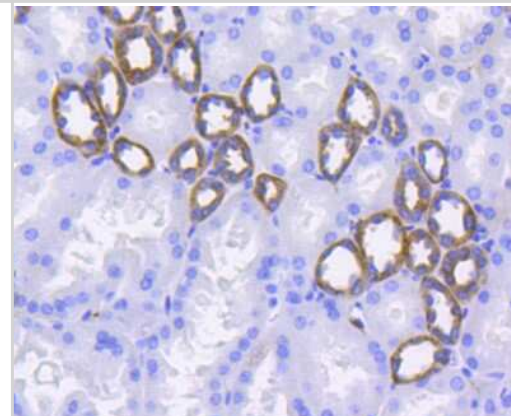
Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-ITGA2 antibody. Counter stained with hematoxylin.



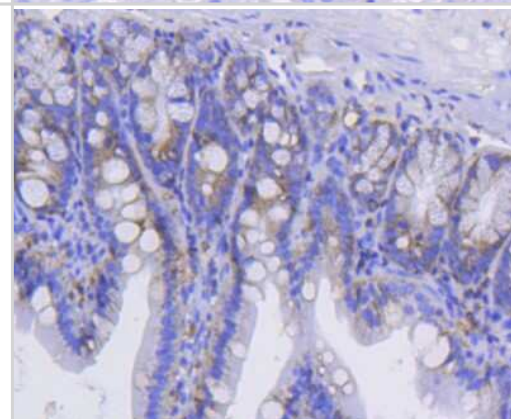
Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of paraffin-embedded human colon cancer tissue using anti-ITGA2 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of paraffin-embedded human kidney tissue using anti-ITGA2 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Integrin alpha 2/CD49b Antibody (SN0752) [NBP2-67691] - Analysis of paraffin-embedded mouse colon tissue using anti-ITGA2 antibody. Counter stained with hematoxylin.





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 NBP2-67691

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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