

Product Datasheet

Integrin beta 3/CD61 Antibody (SJ19-09) NBP2-67416

Unit Size: 100 ul

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

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NBP2-67416

Integrin beta 3/CD61 Antibody (SJ19-09)

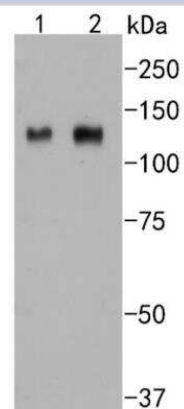
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SJ19-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Integrin beta 3/CD61 Antibody (SJ19-09) (NBP2-67416) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Integrin beta 3/CD61 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3690
Gene Symbol	ITGB3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Integrin beta 3/CD61 aa 729-788 / 788. (SwissProt: P05106 Human; SwissProt: O54890 Mouse; Entrez Gene: 29302 Rat)

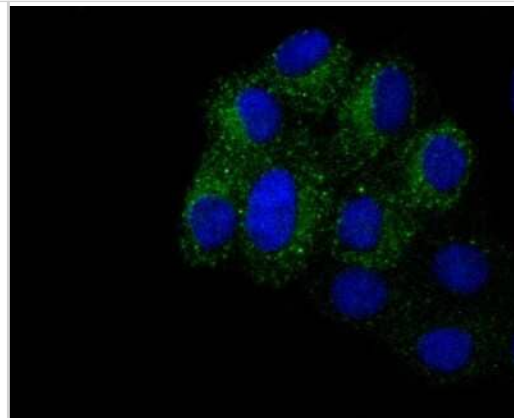
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:400

Images

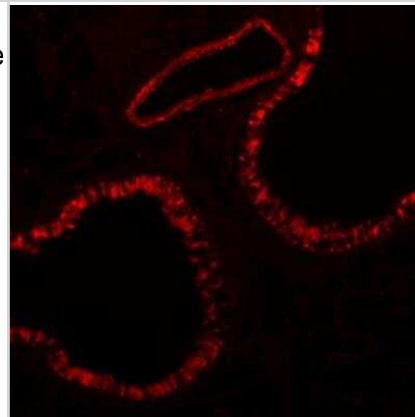
Western Blot: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of Integrin beta 3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: HUVEC cell lysate Lane 2: mouse marrow tissue lysate



Immunocytochemistry/Immunofluorescence: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Staining Integrin beta 3 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X-100/PBS.



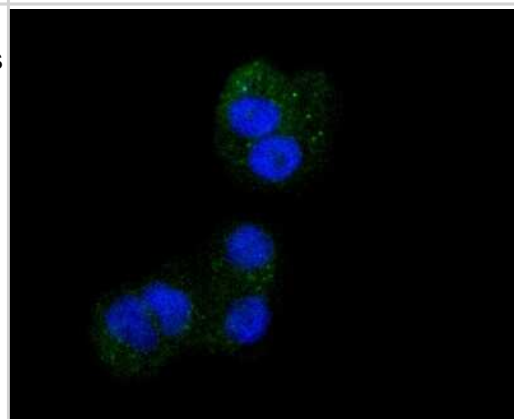
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Mouse lung tissue. IF-stained paraffin section. Image from verified customer review.



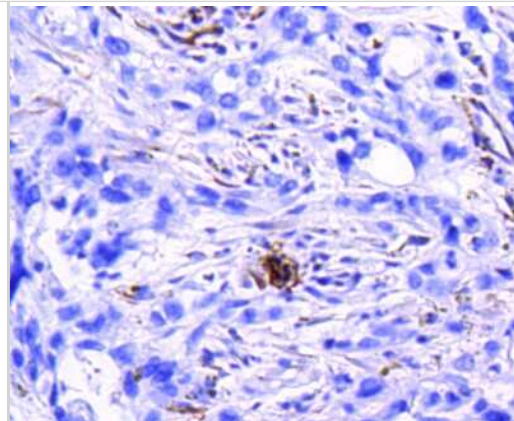
Western Blot: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Mouse bone marrow cell lysate with DMSO (lane 1), chemical agonist #1 (lane 2), chemical agonist #2 (lane 3), chemical agonist #3 (lane 4). WB image submitted by a verified customer review.



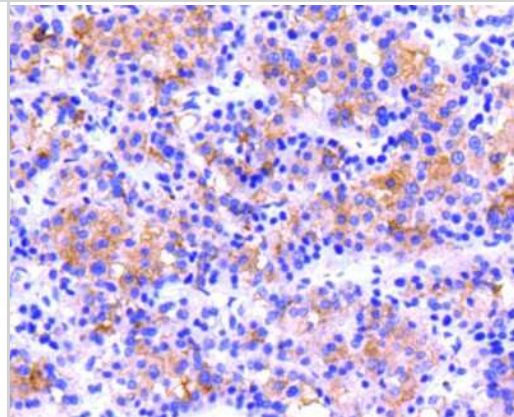
Immunocytochemistry/Immunofluorescence: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Staining Integrin beta 3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X-100/PBS.



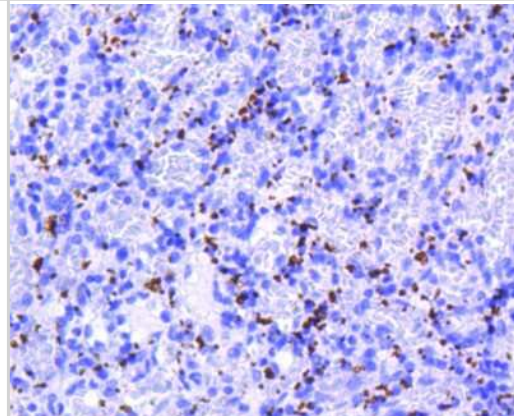
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



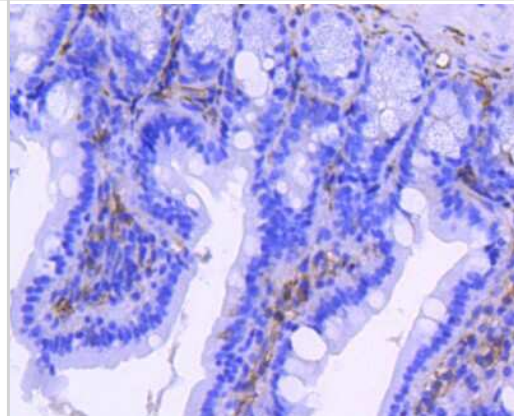
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human liver cancer tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



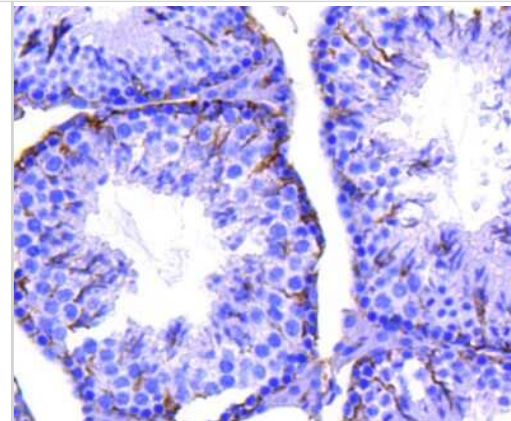
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human spleen tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded mouse colon tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded mouse testis tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



Publications

Achyar A, Hara T, Adinata A et al. Interleukin-6 enhances localized immune cell infiltration and deep vein thrombosis resolution at the distal edge. *American Journal of Physiology - Heart and Circulatory Physiology* 2025-08-11 [PMID: 40695538]

Mei S, Tang R, Hu Y et al. Integrin β 3 Mediates Sepsis and Mechanical Ventilation-Associated Pulmonary Fibrosis Through Glycometabolic Reprogramming *Lab Invest* 2023-02-08 [PMID: 36748196]

Chee E, Mihalko E, Nellenbach K et al. Wound-triggered shape change microgels for the development of enhanced biomimetic function platelet-like particles *Journal of biomedical materials research. Part A* 2023-10-17 [PMID: 37846887] (ICC/IF, Mouse)

Wang Y Plasmatic von Willebrand factor regulates hematogenous metastasis of melanoma cells through its binding to heparan sulfate *Thesis* 2023-01-01 (Immunocytochemistry/ Immunofluorescence)

Mei S, Xu Q, Hu Y et al. Integrin B3-PKM2 pathway-mediated aerobic glycolysis contributes to mechanical ventilation-induced pulmonary fibrosis *Theranostics* 2022-08-15 [PMID: 36168620] (IF/IHC, ICC/IF, WB, Mouse)

Mihalko E, Nellenbach K, Krishnakumar M et al. Fibrin specific poly(N isopropylacrylamide) nanogels for targeted delivery of tissue type plasminogen activator to treat thrombotic complications are well tolerated in vivo *Bioeng Transl Med* 2022-05-23 [PMID: 35600656]

Zheleznyak A, Mixdorf M, Marsala L Et al. Orthogonal targeting of osteoclasts and myeloma cells for radionuclide stimulated dynamic therapy induces multidimensional cell death pathways *Theranostics* 2021-06-22 [PMID: 34335961] (WB, Human)

Mihalko E, Sandry M, Mininni N, et al. Fibrin-modulating nanogels for treatment of disseminated intravascular coagulation *Blood Advances* 2021-02-09 [PMID: 33560377] (Rat)



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Products Related to NBP2-67416

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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