

# 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**

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

**Product Description**

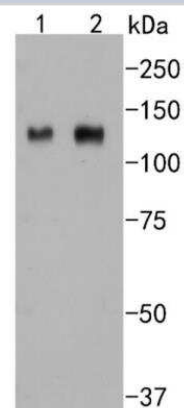
<b>Host</b>	Rabbit
<b>Gene ID</b>	3690
<b>Gene Symbol</b>	ITGB3
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human Integrin beta 3/CD61 aa 729-788 / 788. (SwissProt: P05106 Human; SwissProt: O54890 Mouse; Entrez Gene: 29302 Rat)

**Product Application Details**

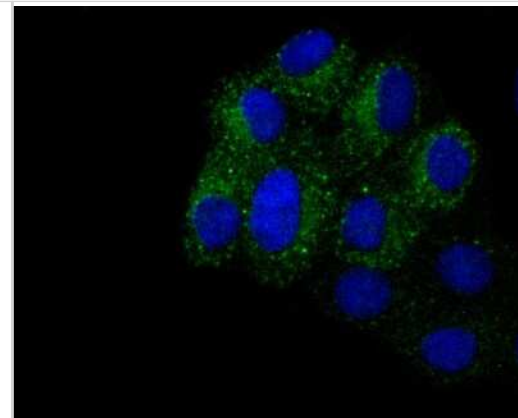
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:400

**Images**

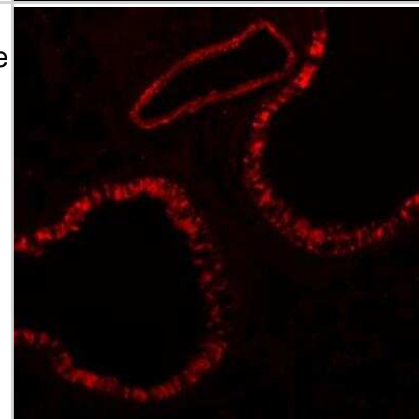
Western Blot: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of Integrin beta 3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 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



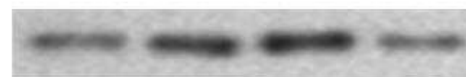
Immunocytochemistry/Immunofluorescence: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Staining Integrin beta 3 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X-100/PBS.



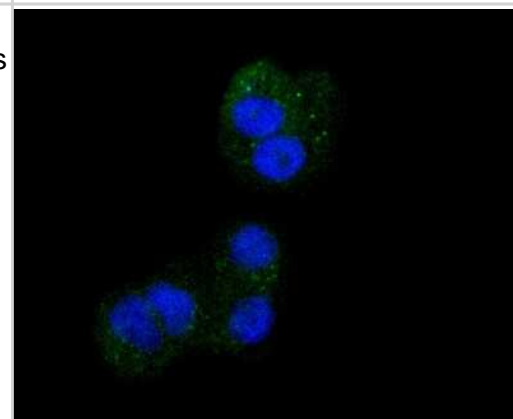
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Mouse lung tissue. IF-stained paraffin section. Image from verified customer review.



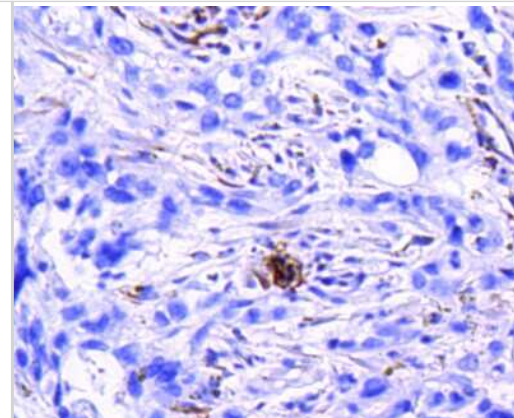
Western Blot: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Mouse bone marrow cell lysate with DMSO (lane 1), chemical agonist #1 (lane 2), chemical agonist #2 (lane 3), chemical agonist #3 (lane 4). WB image submitted by a verified customer review.



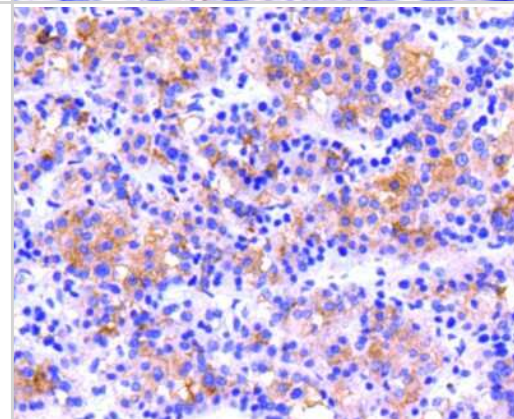
Immunocytochemistry/Immunofluorescence: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Staining Integrin beta 3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X-100/PBS.



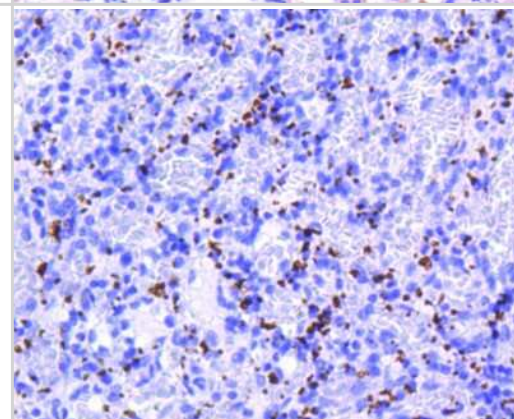
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



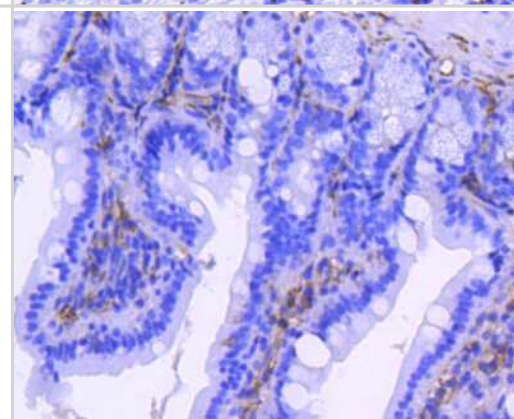
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human liver cancer tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



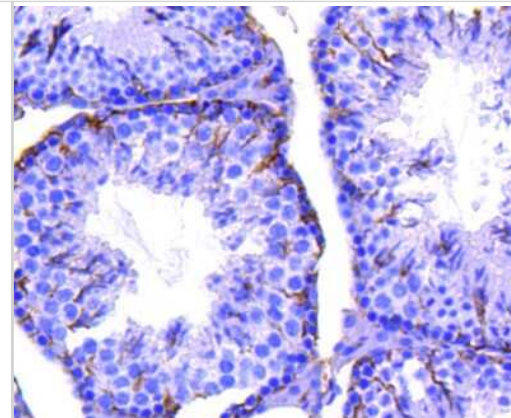
Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (SJ19-09) [NBP2-67416] - Analysis of paraffin-embedded human spleen tissue using anti-Integrin beta 3 antibody. Counter stained with hematoxylin.



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

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**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83453PEP	Integrin beta 3/CD61 Recombinant Protein Antigen

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### **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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