

Product Datasheet

Integrin alpha V beta 3 Antibody (SC56-07) NBP2-67557

Unit Size: 100 ul

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

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NBP2-67557

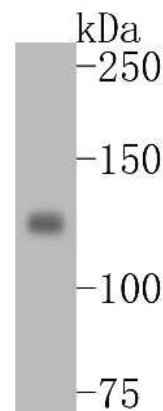
Integrin alpha V beta 3 Antibody (SC56-07)

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	SC56-07
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 Symbol	ITGAV
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within of Human Integrin alpha V beta 3 aa 1000-1048 / 1048. (SwissProt: P06756 Human; SwissProt: P43406 Mouse)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:100

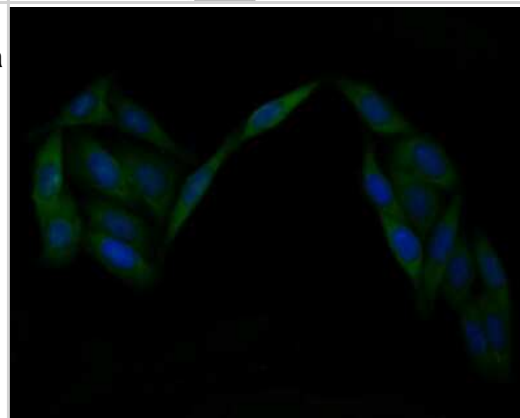


Images

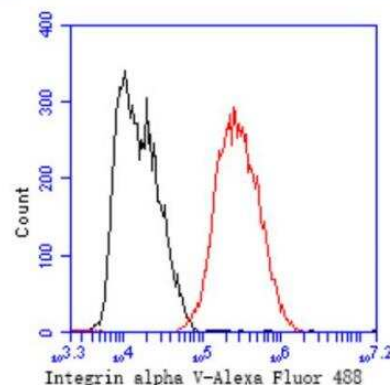
Western Blot: Integrin alpha V beta 3 Antibody (SC56-07) [NBP2-67557]
 - Western blot analysis of Integrin alpha V beta 3 on A549 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 ho



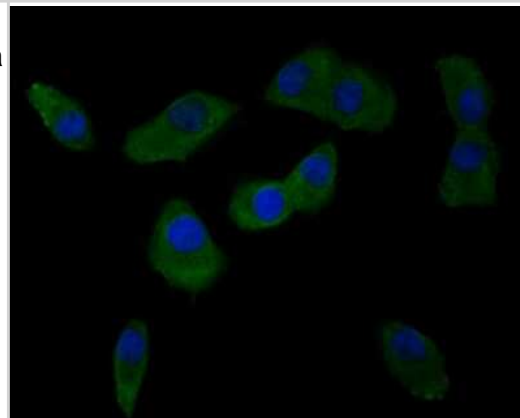
Immunocytochemistry/Immunofluorescence: Integrin alpha V beta 3 Antibody (SC56-07) [NBP2-67557] - ICC staining of Integrin alpha V beta 3 in SiHa cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed w



Flow Cytometry: Integrin alpha V beta 3 Antibody (SC56-07) [NBP2-67557] - Analysis of Integrin alpha V was done on MCF-7 cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Immunocytochemistry/Immunofluorescence: Integrin alpha V beta 3 Antibody (SC56-07) [NBP2-67557] - ICC staining of Integrin alpha V beta 3 in A549 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed w



Publications

Ratajczak-Wielgomas K, Kmiecik A, Dziegiel P Role of Periostin Expression in Non-Small Cell Lung Cancer: Periostin Silencing Inhibits the Migration and Invasion of Lung Cancer Cells via Regulation of MMP-2 Expression International Journal of Molecular Sciences 2022-01-22 [PMID: 35163164] (WB)

Veerasubramanian P, Shao H, Meli V Et al. A Src-H3 acetylation signaling axis integrates macrophage mechanosensation with inflammatory response Biomaterials 2021-10-01 [PMID: 34753038] (ICC/IF, Mouse)

Gregory J, Kadiyala P, Doherty R et al. Systemic brain tumor delivery of synthetic protein nanoparticles for glioblastoma therapy Nat Commun 2020-12-01 [PMID: 33173024] (FLOW, Mouse)

Details:
GL26-OVA glioblastoma cells were harvested from tumors in mice and underwent flow cytometry.

Gregory JV, Kadiyala P, Doherty R, Cadena M Systemic Brain Tumor Delivery of Synthetic Protein Nanoparticles for Glioblastoma Therapy bioRxiv

Cammalleri M, Dal Monte M, Locri F et al. The urokinase-type plasminogen activator system as drug target in retinitis pigmentosa: New pre-clinical evidence in the rd10 mouse model J. Cell. Mol. Med. 2019-08-01 [PMID: 31251468] (WB, Mouse)





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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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