

Integrin alpha V Rabbit mAb

Catalog No: #59455

Package Size: #59455-1 50ul #59455-2 100ul

Description

Product Name	Integrin alpha V Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Integrin alpha V Antibody detects endogenous levels of total Integrin alpha V
Immunogen Description	A synthesized peptide derived from human Integrin alpha V
Other Names	CD51; integrin alpha V beta 3; ITGAV; Msk8; VNRA; VTNR;
Accession No.	Uniprot:P06756
Calculated MW	Predicted band size: 116 kDa
SDS-PAGE MW	Observed band size: 125 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

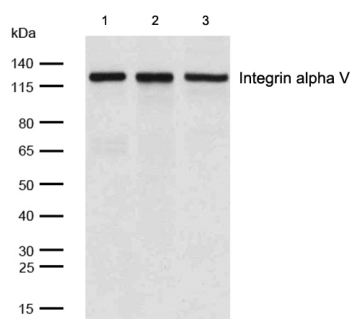
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Integrin alpha V Rabbit mAb at 1/1k dilution

Lane 1 : A549 whole cell lysates Lane 2 : Mouse spleen lysates Lane 3 : Rat brain lysates
Lysates/proteins at 20 µg per lane.

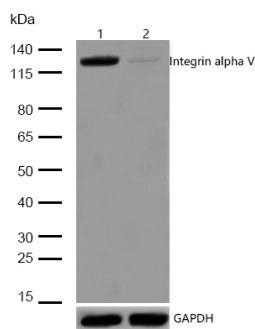
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 116 kDa

Observed band size: 125 kDa

Exposure time: 7 seconds

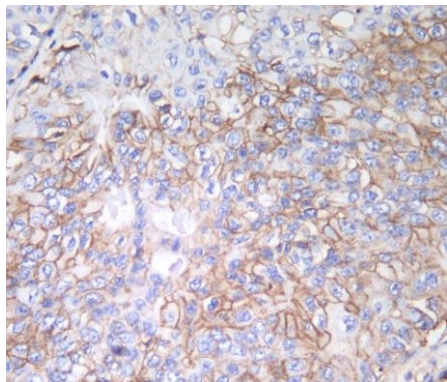


All lanes: Integrin alpha V Rabbit mAb at 1/1k dilution

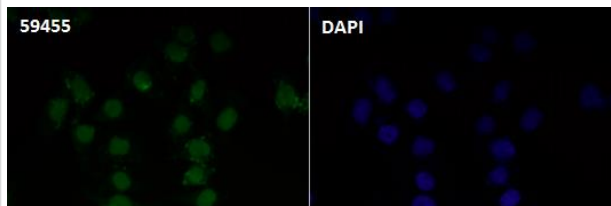
Lane 1 : Wild-type Hela cell lysate

Lane 2 : Integrin alpha V Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human bladder cancer tissue stained for Integrin alpha V using 59455 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Integrin alpha V antibody (59455) ICC/IF staining of Integrin alpha V in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59455 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.