
Product Name: Integrin alpha V Rabbit Monoclonal Antibody**Catalog #: AMRe85143**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 116 kDa; Observed MW: 135 kDa

Antigen Information

Gene Name	Integrin alpha V
Alternative Names	ITGAV; MSK8; VNRA; Integrin alpha-V; Vitronectin receptor subunit alpha; CD antigen CD51
Gene ID	3685.0
SwissProt ID	P06756
Immunogen	Recombinant protein of human Integrin alpha V

Background

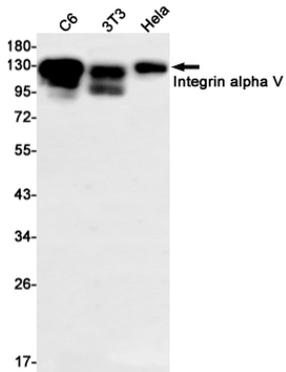
The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction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

angiogenesis in Kaposi's sarcoma lesions.

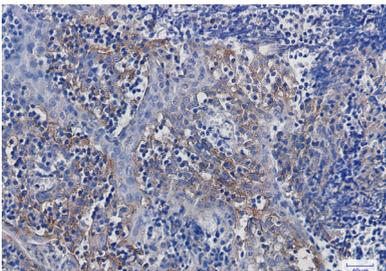
Research Area

PI3K-Akt signaling pathway

Image Data



Western blot analysis of Integrin alpha V in C6, 3T3, HeLa lysates using Integrin alpha V antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Integrin alpha V antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.