

Recombinant

DGRmAb®

Integrin alpha V (DGR11605) Rabbit mAb

db11962

Package : 10μL 20μL 50μL 100μL

Product Name : Integrin alpha V (DGR11605) Rabbit mAb**Cat.No.:** db11962**Synonyms** : CD51; MSK8; VNRA; VTNR**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin may regulate angiogenesis and cancer progression. Alternative splicing results in multiple transcript variants. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015]

Immunogen

Recombinant protein of human Integrin alpha V

Gene ID

3685

Swiss Prot

P06756

Synonyms

CD51; MSK8; VNRA; VTNR

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, ICC/IF, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

IP: 1:20-1:50

Calculated MW

116 kDa

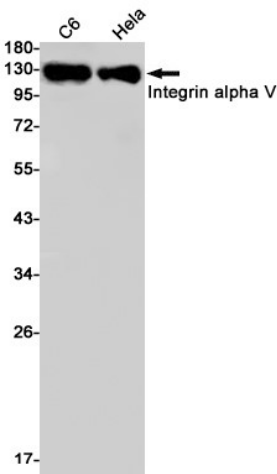
Observed MW

130 kDa

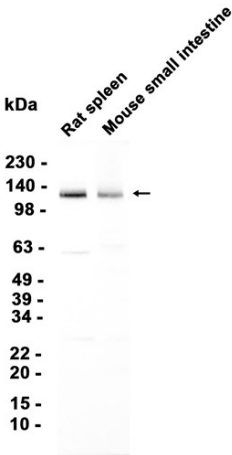
Host species

Rabbit

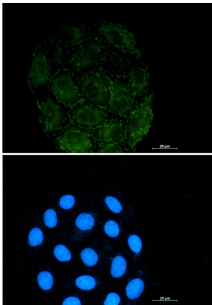
Clonality	Monoclonal
Clonality No.	DGR11605
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Integrin alphaV in C6,HeLa cell lysates using Integrin alphaV antibody(1:1000 diluted).



Western blot analysis of extracts from Rat spleen, Mouse small intestine tissue using db11962 at 1:2000.



Immunofluorescent analysis of A549 cells using db11962 antibody (green), and DAPI (blue).