Recombinant DGRmAb®

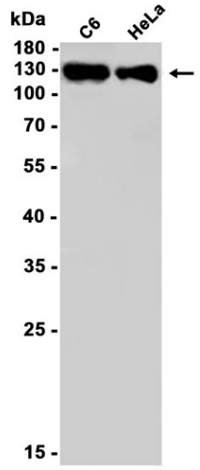
Integrin alpha V (DGR11605) Rabbit mAb (PBS Only)

db11962-PBS **Package : 10μg 100μg**

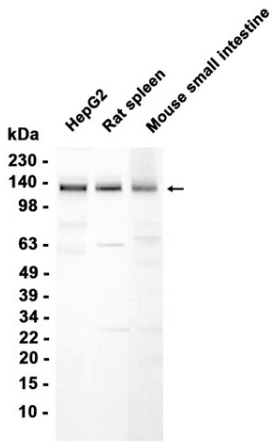
Product Name : Integrin alpha V (DGR11605) Rabbit mAb (PBS Only)
Cat.No.: db11962-PBS
Synonyms : CD51; MSK8; VNRA; VTNR
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	116 kDa
Observed MW	130 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11605
Isotype	IgG

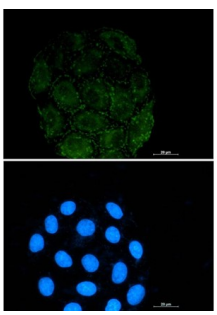
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



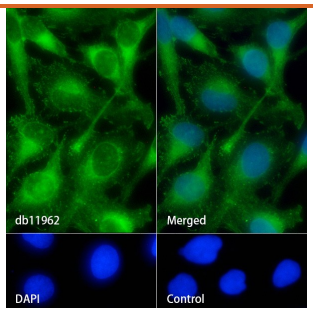
Western blot analysis of extracts from C6 and HeLa cells using db11962 at 1:1000.



Western blot analysis of extracts from HepG2 cells, Rat spleen, and Mouse small intestine tissues using db11962 at 1:2000.



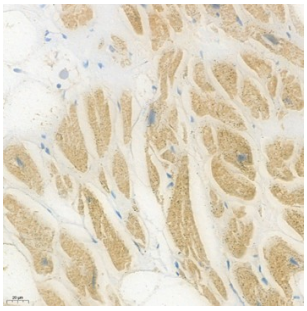
Immunofluorescent analysis of A549 cells using db11962 antibody (green), and DAPI (blue).



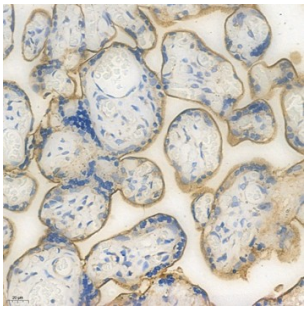
Immunofluorescence analysis of HeLa cells labelling Integrin alpha V with db11962.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11962 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

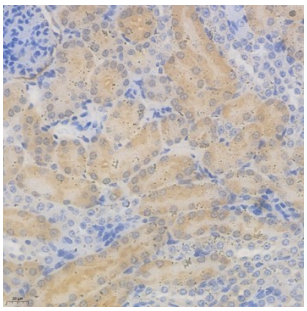
Control: Secondary antibody only.



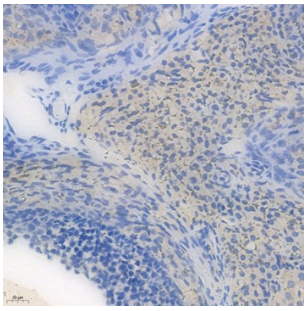
Immunohistochemical analysis of paraffin-embedded human heart tissue labeling Integrin alpha V with db11962. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling Integrin alpha V with db11962. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse renal tissue labeling Integrin alpha V with db11962. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat ovarian tissue labeling Integrin alpha V with db11962. Counter stained with Hematoxylin.