Recombinant DGRmAb®

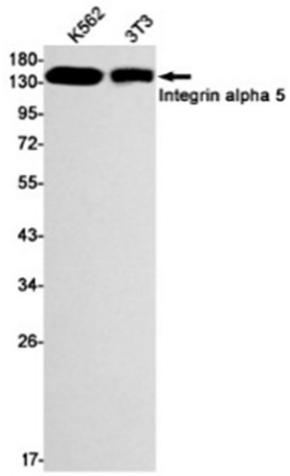
Integrin alpha 5 (DGR16775) Rabbit mAb

db11971 **Package : 10μL 20μL 50μL 100μL**

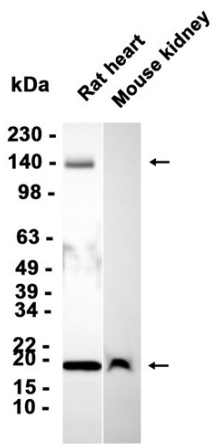
Product Name : Integrin alpha 5 (DGR16775) Rabbit mAb
Cat.No.: db11971
Synonyms : FNRA; CD49e; VLA-5; VLA5A
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015]
Immunogen	A synthetic peptide of human Integrin alpha 5
Gene ID	3678
Swiss Prot	P08648
Synonyms	FNRA; CD49e; VLA-5; VLA5A
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:50 FC: 1:20 IP: 1:10-1:100
Calculated MW	115 kDa
Observed MW	150, 19 kDa
Host species	Rabbit

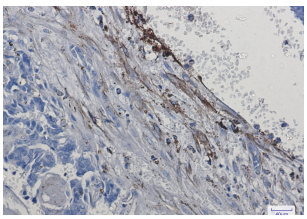
Clonality	Monoclonal
Clonality No.	DGR16775
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Integrin alpha 5 in K562,3T3 cell lysates using Integrin alpha 5 antibody(1:1000 diluted).



Western blot analysis of extracts from Rat heart，Mouse kidney tissue using db11971 at 1:3000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11971 antibody.