

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

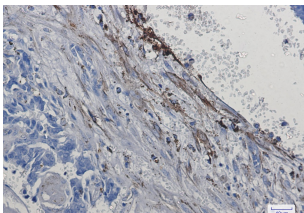
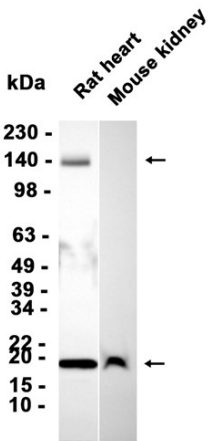
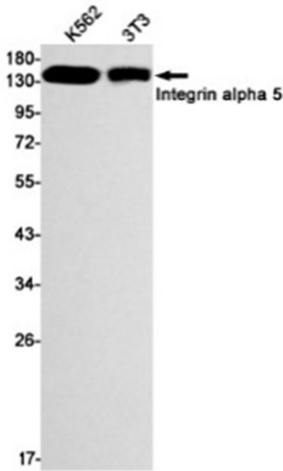
**Observed MW**

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. |



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