

Integrin alpha 1 (ITGA1/CD49a) Rabbit mAb

Catalog No.: A22707 **Recombinant**

Basic Information

Observed MW

200kDa

Calculated MW

131kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

CloneNo number

ARC58198

Background

This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding.

Recommended Dilutions

WB 1:10000 - 1:120000

Immunogen Information

Gene ID

3672

Swiss Prot

P56199

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-1141 of human Integrin alpha 1 (ITGA1/CD49a) (NP_852478.1).

Synonyms

VLA1; CD49a; Integrin alpha 1 (ITGA1/CD49a)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

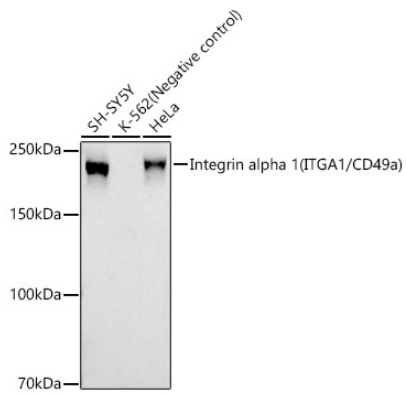
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using Integrin alpha 1 (ITGA1/CD49a) antibody (A22707) at 1:100000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.