

A0696

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Integrin alpha 4 (ITGA4/CD49d) Rabbit pAb

Catalog No.: A0696

1 Publications

Basic Information

Observed MW

70kDa/140kDa/150kDa

Calculated MW

115kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 4 subunit. This subunit associates with a beta 1 or beta 7 subunit to form an integrin that may play a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3676

Swiss Prot

P13612

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 770-970 of human Integrin alpha 4 (ITGA4/CD49d) (NP_000876.3).

Synonyms

IA4; CD49D; Integrin alpha 4 (ITGA4/CD49d)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

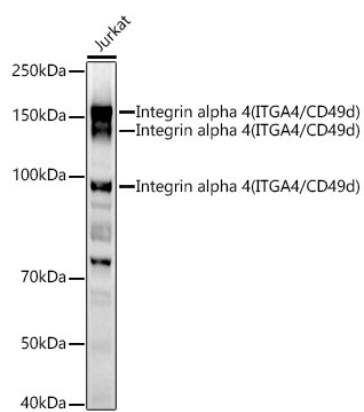
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of Jurkat, using Integrin alpha 4 (ITGA4/CD49d) antibody (A0696) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.