

For Research Use Only

Integrin Alpha 4 Monoclonal antibody, PBS Only



Catalog Number: 67040-1-PBS

Basic Information

Catalog Number:

67040-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28024

GenBank Accession Number:

BC156712

GeneID (NCBI):

3676

UNIPROT ID:

P13612

Full Name:

integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)

Calculated MW:

1032 aa, 115 kDa

Observed MW:

150 kDa, 140 kDa

Purification Method:

Protein A purification

CloneNo.:

1B6A3

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Background Information

ITGA4, also named as CD49D, belongs to the integrin alpha chain family. ITGA4 is a receptor for fibronectin, VCAM1 and MADCAM1. ITGA4 recognizes one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. It recognizes the sequence Q-I-D-S in VCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells ITGA4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

For technical support and original validation data for this product please contact:

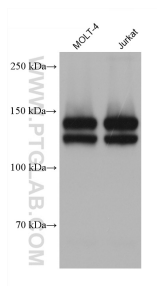
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67040-1-Ig (Integrin Alpha 4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67040-1-PBS in a different storage buffer formulation.