

For Research Use Only

Integrin alpha 4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87459-2-PBS



Basic Information

Catalog Number:

87459-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10494

GenBank Accession Number:

GeneID (NCBI):

3676

UNIPROT ID:

P13612

Full Name:

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

Observed MW:

140-150 kDa

Purification Method:

Protein A purification

CloneNo.:

252683A11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Integrin alpha 4 (ITGA4), also named 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, pH7.3

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

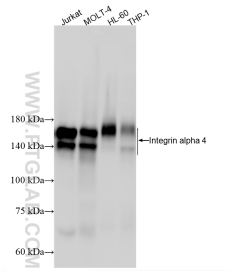
T: 4006900926

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 87459-2-RR (Integrin alpha 4 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87459-2-PBS in a different storage buffer formulation.