

For Research Use Only

Anti-Human Integrin alpha 4 Rabbit Recombinant Antibody

Catalog Number: 98794-2-RR



Basic Information

Catalog Number:

98794-2-RR

Size:

100ug, 1000 µg/ml

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)

Purification Method:

Protein A purification

CloneNo.:

252683F9

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl
suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

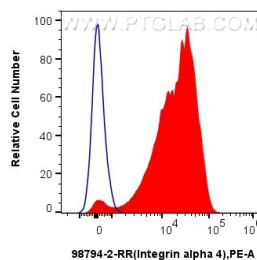
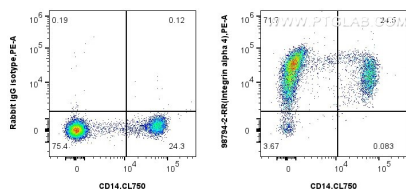
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

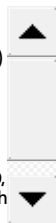
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Integrin alpha 4 Rabbit RecAb (98794-2-RR, Clone: 252683F9) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 750 Anti-Human CD14 Rabbit Recombinant Antibody (CL750-98040, Clone: 230332D7). Cells were incubated with FC Receptor Block prior to staining. Cells



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Integrin alpha 4 Rabbit RecAb (98794-2-RR, Clone: 252683F9) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.