

For Research Use Only

Anti-Human Integrin alpha 4 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98794-2-PBS



Basic Information

Catalog Number:

98794-2-PBS

Size:

1mg, 3 mg/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

Applications

Tested Applications:

FC

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.

Storage Buffer:

PBS only, pH7.3

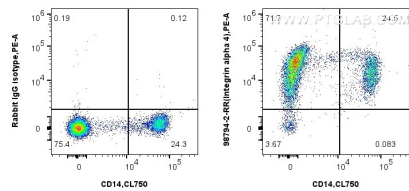
For technical support and original validation data for this product please contact:

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

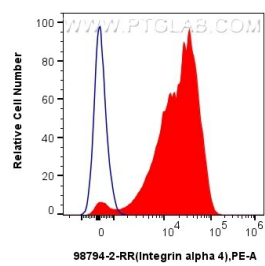
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 98794-2-PBS in a different storage