

For Research Use Only

# PE Anti-Human Integrin alpha 4 Rabbit Recombinant Antibody

Catalog Number: PE-98794-2



## Basic Information

Catalog Number:

PE-98794-2

Size:

100 tests, 5 ul/test

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: 5 ul per 10<sup>6</sup> cells in a 100 µl  
suspension

Excitation/Emission maxima  
wavelengths:

496 nm, 565 nm / 578 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

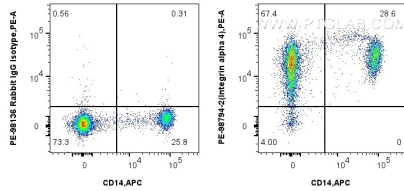
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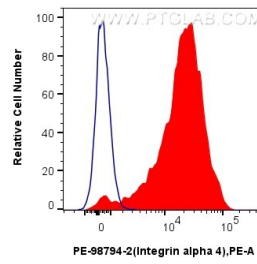
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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD14, and 5 ul PE Anti-Human Integrin alpha 4 Rabbit RecAb (PE-98794-2, Clone: 252683F9) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul PE Anti-Human Integrin alpha 4 Rabbit RecAb (PE-98794-2, Clone: 252683F9) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.