

For Research Use Only

FcZero-rAb™ APC-Cyanine7 Anti-Human CD2 Rabbit Recombinant Antibody

Catalog Number: AY7-FcA98134



Basic Information

Catalog Number:

AY7-FcA98134

Concentration:

100tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1271

GenBank Accession Number:

BC033583

GeneID (NCBI):

914

ENSEMBL Gene ID:

ENSG00000116824

UNIPROT ID:

P06729

Full Name:

CD2 molecule

Calculated MW:

351 aa, 39 kDa

Purification Method:

Protein A purification

CloneNo.:

241222E2

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 778 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

CD2 is a cell surface glycoprotein present on a majority of thymocytes, all mature T cells and subset of NK cells but not on B lymphocytes. It is a pan T-cell marker. CD2 interacts with lymphocyte function-associated antigen (LFA-3/CD58) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

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

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

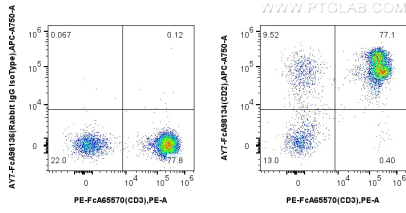
T: 4006900926

E: Proteintech-CN@ptglab.com

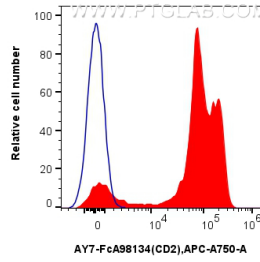
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with PE Anti-Human CD3 (UCHT1), and 5 ul APC-Cyanine7 Anti-Human CD2 Rabbit RecAb (AY7-FcA98134, Clone: 241222E2) or Rabbit IgG Isotype Control RecAb (AY7-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul APC-Cyanine7 Anti-Human CD2 Rabbit RecAb (AY7-FcA98134, Clone: 241222E2) (red) or Rabbit IgG Isotype Control RecAb (AY7-FcA98136, Clone: 240953C9) (blue). Cells were not fixed. Lymphocytes were gated.