

For Research Use Only

FcZero-rAb™ PE Anti-Human CD2 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98134



Basic Information

Catalog Number: PE-FcA98134	GenBank Accession Number: BC033583	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 914	CloneNo.: 241222E2
Source: Rabbit	ENSEMBL Gene ID: ENSG00000116824	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: CD2 molecule	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG1271	Calculated MW: 351 aa, 39 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
Species Specificity: human	

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

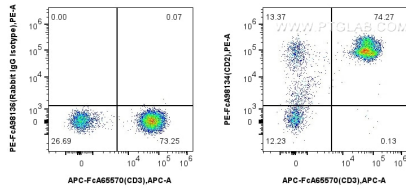
For technical support and original validation data for this product please contact:

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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 FcZero-rAb™ APC Anti-Human CD3 (UCHT1), and 5 ul PE Anti-Human CD2 Rabbit RecAb (PE-FcA98134, Clone: 241222E2) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.