

For Research Use Only

Anti-Human CD2 Rabbit Recombinant Antibody

Catalog Number: 98134-1-RR



Basic Information

Catalog Number: 98134-1-RR	GenBank Accession Number: BC033583	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	GeneID (NCBI): 914	CloneNo.: 241222E2
Source: Rabbit	ENSEMBL Gene ID: ENSG00000116824	
Isotype: IgG	UNIPROT ID: P06729	
	Full Name: CD2 molecule	
	Calculated MW: 351 aa, 39 kDa	

Applications

Tested Applications:
FC

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

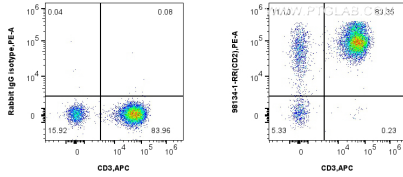
T: 4006900926

E: Proteintech-CN@ptglab.com

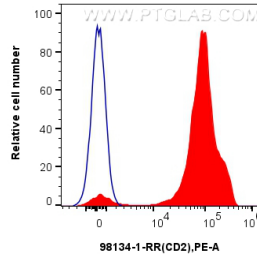
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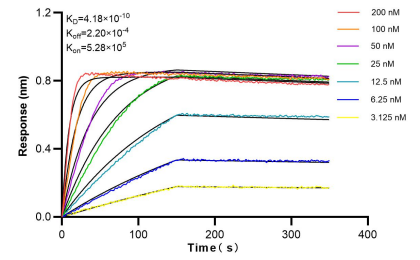
Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD2 Rabbit Recombinant Antibody (98134-1-RR, Clone: 241222E2) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (APC-65569, Clone: OKT3). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD2 Rabbit Recombinant Antibody (98134-1-RR, Clone: 241222E2) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Bi-layer interferometry (BLI) kinetic assays of 98134-1-RR against Human CD2 were performed. The affinity constant is 0.418 nM.