

For Research Use Only

Anti-Mouse CD84 Rabbit Recombinant Antibody

Catalog Number: 98076-1-RR



Basic Information

Catalog Number: 98076-1-RR	GenBank Accession Number: GeneID (NCBI): 12523	Purification Method: Protein A purification
Size: 100ug, 1000 ug/ml	UNIPROT ID: Q18PI6-1	CloneNo.: 240903B8
Source: Rabbit	Full Name: CD84 antigen	
Isotype: IgG	Calculated MW: 37 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

CD84, also known as SLAMF5, is a member of the CD2 subfamily of the immunoglobulin receptor superfamily (PMID: 9310491). CD84 is a single-chain type-I glycoprotein composed of two extracellular Ig-like domains, a hydrophobic transmembrane region, and a cytoplasmic domain. It is broadly expressed on almost all leukocyte subsets. CD84 functions as a homophilic adhesion molecule, whose signaling can activate or inhibit leukocyte function depending on the cell type and its stage of activation or differentiation (PMID: 30522694).

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:

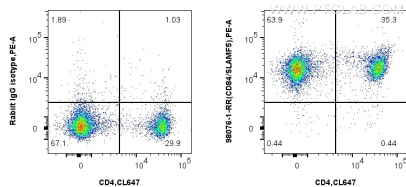
T: 4006900926

E: Proteintech-CN@ptglab.com

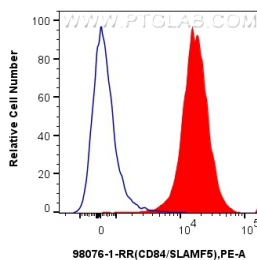
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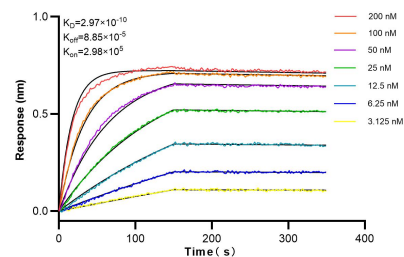
Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD84/SLAMF5 Rabbit Recombinant Antibody (98076-1-RR, Clone:240903B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L), or Isotype Control. Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD4. Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD84/SLAMF5 Rabbit Recombinant Antibody (98076-1-RR, Clone:240903B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or Isotype Control(blue). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98076-1-RR against Mouse CD84/SLAMF5 were performed. The affinity constant is 0.297 nM.