

For Research Use Only

# Anti-Mouse CD84 Rabbit Recombinant Antibody

Catalog Number: 98076-1-RR



## Basic Information

Catalog Number:

98076-1-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

12523

UNIPROT ID:

Q18PI6-1

Full Name:

CD84 antigen

Calculated MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

240903B8

## 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:

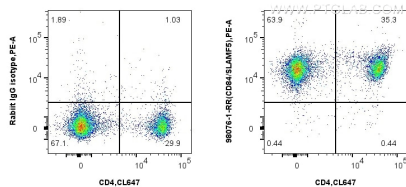
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

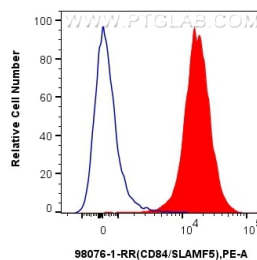
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

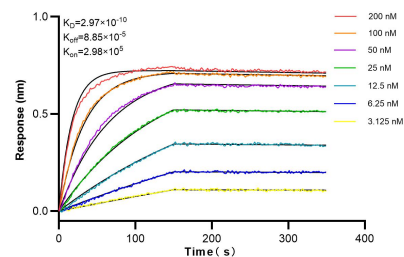
## Selected Validation Data



1x10<sup>6</sup> 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.



1x10<sup>6</sup> 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.