

For Research Use Only

# Anti-Human CD84 Rabbit Recombinant Antibody

Catalog Number: 98108-1-RR



## Basic Information

<b>Catalog Number:</b> 98108-1-RR	<b>GenBank Accession Number:</b> BC020063	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 µg/ml	<b>GeneID (NCBI):</b> 8832	<b>CloneNo.:</b> 241345A3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UIB8	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD84 molecule	
	<b>Calculated MW:</b> 345 aa, 39 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## 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

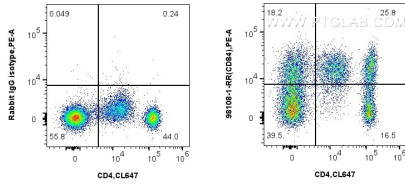
**Storage:**  
Store at 2 - 8°C. Stable for one year after shipment.

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

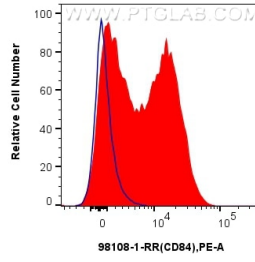
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

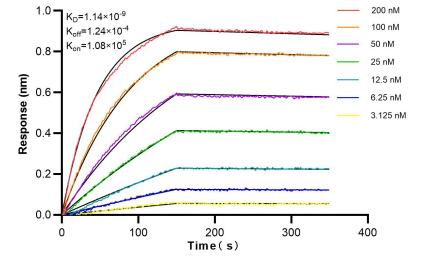
## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD84 Rabbit Recombinant Antibody (98108-1-RR, Clone: 241345A3) or Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD4 (OKT4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



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Biolayer interferometry (BLI) kinetic assays of 98108-1-RR against Human CD84 were performed. The affinity constant is 1.14 nM.