

For Research Use Only

Anti-Mouse CD84 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98076-1-PBS



Basic Information

Catalog Number:

98076-1-PBS

Size:

1mg, 2 mg/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 -80°C.

Storage Buffer:

PBS Only

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

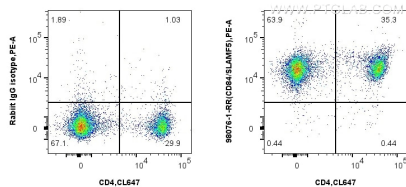
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E: proteintech@ptglab.com

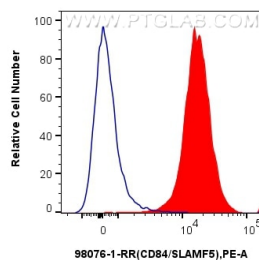
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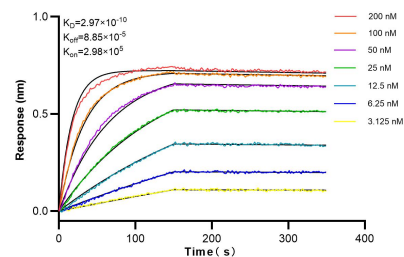
Selected Validation Data



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. This data was developed using the same antibody clone with 98076-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 98076-1-PBS in a different storage buffer formulation.



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