

For Research Use Only

# Mouse CD84 Recombinant antibody, PBS Only

Catalog Number: 83828-4-PBS



## Basic Information

Catalog Number:

83828-4-PBS

Size:

100ug , Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

12523

UNIPROT ID:

Q18PI6-1

Full Name:

CD84 antigen

Calculated MW:

37 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

240903D6

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, 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

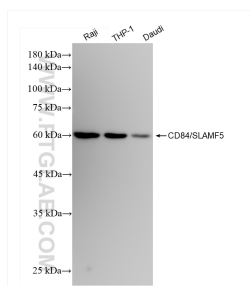
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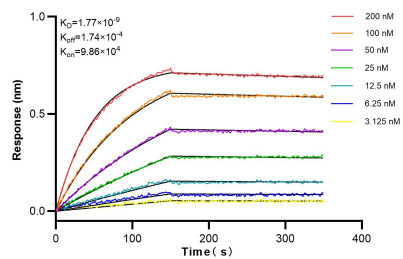
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83828-4-RR (CD84/SLAMF5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83828-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83828-4-RR against Mouse CD84/SLAMF5 were performed. The affinity constant is 1.77 nM.