

For Research Use Only

# Anti-Human CD2 (TS1/8) Mouse IgG2a Recombinant Antibody



Catalog Number: 65565-1-MR

## Basic Information

Catalog Number:

65565-1-MR

Size:

100ug, 1 mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC033583

GeneID (NCBI):

914

ENSEMBL Gene ID:

ENSG00000116824

Full Name:

CD2 molecule

Calculated MW:

351 aa, 39 kDa

Purification Method:

Protein A purification

CloneNo.:

TS1/8

## Applications

Tested Applications:

FC

Species Specificity:

Human

## Background Information

CD2 is a cell surface glycoprotein present on a majority of thymocytes, all mature T cells and subset of NK cells but not on B lymphocytes. It is a pan T-cell marker. CD2 interacts with lymphocyte function-associated antigen (LFA-3/CD58) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide.

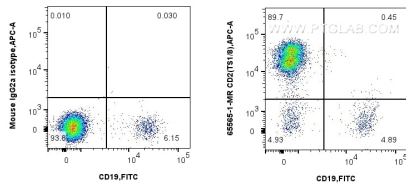
For technical support and original validation data for this product please contact:

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> human PBMCs were surface stained with 0.125 ug Anti-Human CD2 (TS1/8) Mouse Recombinant Antibody (65565-1-MR, Clone: TS1/8) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and CoraLite647-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were then stained with FITC Plus Anti-Human CD19 (HIB19) (FITC-65110, Clone: HIB19). Cells were not fixed. Lymphocytes were gated.