

For Research Use Only

# CD2 Monoclonal antibody

Catalog Number: 60005-2-Ig



## Basic Information

### Catalog Number:

60005-2-Ig

### Size:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

### Source:

Mouse

### Isotype:

IgG1

### Immunogen Catalog Number:

AG0423

### GenBank Accession Number:

BC033583

### GeneID (NCBI):

914

### ENSEMBL Gene ID:

ENSG00000116824

### UNIPROT ID:

P06729

### Full Name:

CD2 molecule

### Calculated MW:

351 aa, 39 kDa

### Purification Method:

Caprylic acid/ammonium sulfate precipitation

### CloneNo.:

3G2C9

## Applications

### Tested Applications:

ELISA

### 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 -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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