

For Research Use Only

CD2 Monoclonal antibody

Catalog Number: 60005-2-Ig



Basic Information

Catalog Number: 60005-2-Ig	GenBank Accession Number: BC033583	Purification Method: Caprylic acid/ammonium sulfate precipitation
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 914	CloneNo.: 3G2C9
Source: Mouse	ENSEMBL Gene ID: ENSG00000116824	
Isotype: IgG1	UNIPROT ID: P06729	
Immunogen Catalog Number: AG0423	Full Name: CD2 molecule	
	Calculated MW: 351 aa, 39 kDa	

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:
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

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Selected Validation Data