

For Research Use Only

CoraLite® Plus 488-conjugated CD2 Recombinant monoclonal antibody

Catalog Number: CL488-84108-5



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-84108-5	BC033583	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	914	241222B8
Source:	ENSEMBL Gene ID:	Recommended Dilutions:
Rabbit	ENSG00000116824	IF/ICC: 1:50-1:500
Isotype:	UNIPROT ID:	Excitation/Emission maxima
IgG	P06729	wavelengths:
Immunogen Catalog Number:	Full Name:	493 nm / 522 nm
EG1271	CD2 molecule	
	Calculated MW:	
	351 aa, 39 kDa	
	Observed MW:	
	50 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : Jurkat cells,
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.

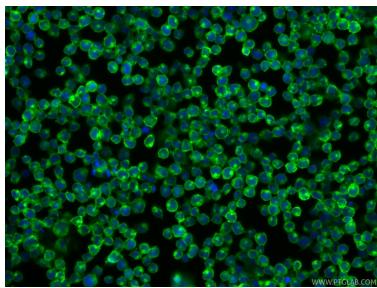
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoralLite® Plus 488 CD2 antibody (C488-84108-5, Clone: 241222B8) at dilution of 1:200.