

For Research Use Only

CoraLite®594-conjugated CD86 Recombinant monoclonal antibody

Catalog Number:CL594-83213



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL594-83213	NM_019388	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	12524	230476B2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P42082-1	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	CD86 antigen	588 nm / 604 nm
Immunogen Catalog Number:	Calculated MW:	
EG0802	35 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : RAW 264.7 cells,
Species Specificity:	
mouse	

Background Information

CD86 (also known as B7.2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response.

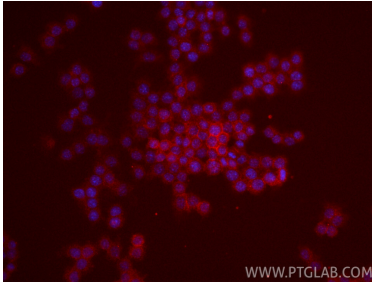
Storage

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)
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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 RAW 264.7 cells using Coralite®594 CD86 antibody (CL594-83213, Clone: 230476B2) at dilution of 1:200.