

For Research Use Only

CoraLite® Plus 647 Anti-Human CD86 Rabbit Recombinant Antibody



Catalog Number: CL647-98043

Basic Information

Catalog Number: CL647-98043	GenBank Accession Number: NM_175862	Purification Method: Protein A purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 942	CloneNo.: 240429C6
Source: Rabbit	ENSEMBL Gene ID: ENSG00000114013	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG	UNIPROT ID: P42081	
	Full Name: CD86 molecule	
	Calculated MW: 329 aa, 38 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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 CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

Storage

Storage:
Store at 2-8°C. Avoid exposure to light.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

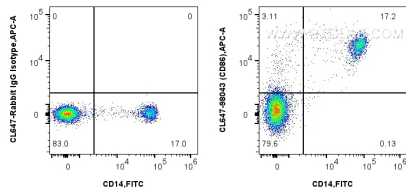
T: 4006900926

E: Proteintech-CN@ptglab.com

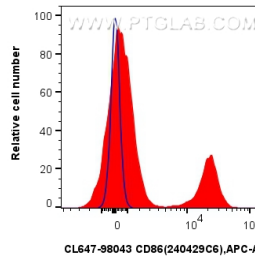
W: ptgcn.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with FITC Anti-Human CD14 and 5 ul CoraLite® Plus 647 Anti-Human CD86 Rabbit Recombinant Antibody (CL647-98043, Clone: 240429C6) or Isotype Control. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD86 Rabbit Recombinant Antibody (CL647-98043, Clone: 240429C6) (red) or Isotype Control (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.