

For Research Use Only

CoraLite® Plus 488-conjugated CD86 (C-terminal) Polyclonal antibody



Catalog Number: **CL488-26903**

Basic Information

Catalog Number: CL488-26903	GenBank Accession Number: BC040261	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 942	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	ENSEMBL Gene ID: ENSG00000114013	
Isotype: IgG	UNIPROT ID: P42081	
Immunogen Catalog Number: AG25432	Full Name: CD86 molecule	
	Calculated MW: 329 aa, 38 kDa	

Applications

Tested Applications:
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 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.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

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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