

For Research Use Only

CD86 Polyclonal antibody, PBS Only

Catalog Number:[31449-1-PBS](#)



Basic Information

Catalog Number:	31449-1-PBS	GenBank Accession Number:	NM_175862	Purification Method:
Source:	Rabbit	GenID (NCBI):	942	Antigen affinity Purification
Isotype:	IgG	ENSEMBL Gene ID:	ENSG00000114013	
Immunogen Catalog Number:	EG0966	UNIPROT ID:	P42081	
		Full Name:	CD86 molecule	
		Calculated MW:	329 aa, 38 kDa	
		Observed MW:	70-80 kDa	

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

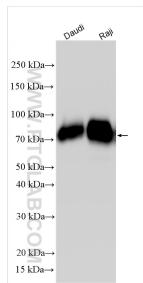
T: 4006900926

E: Proteintech-CN@ptglab.com

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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



Daudi cells were subjected to SDS PAGE followed by western blot with 31449-1-AP (CD86 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31449-1-PBS in a different storage buffer formulation.