

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:
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	942	Antigen affinity Purification
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000114013	
Isotype:	IgG	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.

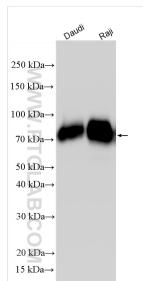
Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:
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in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.