

For Research Use Only

CD86 Polyclonal antibody

Catalog Number: 31449-1-AP



Basic Information

Catalog Number: 31449-1-AP	GenBank Accession Number: NM_175862	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 942	Recommended Dilutions: WB 1:1000-1:4000
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, ELISA	Positive Controls: WB : Daudi cells, Raji cells
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

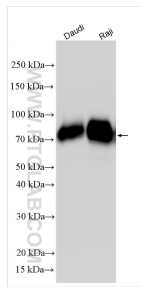
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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.