

For Research Use Only

CD86 Monoclonal antibody

Catalog Number: 68674-2-Ig **1 Publications**



Basic Information

Catalog Number: 68674-2-Ig	GenBank Accession Number: NM_175862	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 942	CloneNo.: 1D6H7
Source: Mouse	ENSEMBL Gene ID: ENSG00000114013	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	UNIPROT ID: P42081	
	Full Name: CD86 molecule	
	Calculated MW: 329 aa, 38 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells, Daudi cells, Ramos cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Haifeng Yao	39939475	Aesthetic Plast Surg	WB

Storage

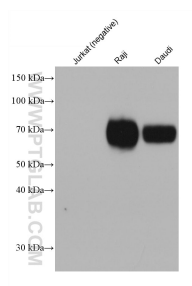
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68674-2-Ig (CD86 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.