

For Research Use Only

CD86 Recombinant antibody

Catalog Number: 86252-1-RR



Basic Information

Catalog Number:	86252-1-RR	GenBank Accession Number:	NM_020081.1	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	56822	CloneNo.:	250726D3
Source:	Rabbit	UNIPROT ID:	O35531	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	CD86 molecule		
Immunogen Catalog Number:	EG3586	Calculated MW:	36 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB : rat spleen tissue,
Species Specificity:	rat		

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 CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

Storage

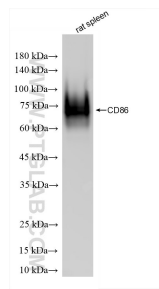
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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



rat spleen tissue was subjected to SDS PAGE followed by western blot with 86252-1-RR (CD86 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.