

For Research Use Only

B7-2/CD86 Recombinant monoclonal antibody

Catalog Number:83213-10-RR



Basic Information

Catalog Number: 83213-10-RR	GenBank Accession Number: NM_019388	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 12524	CloneNo.: 251860A8
Isotype: IgG	UNIPROT ID: P42082-1	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: EG0802	Full Name: CD86 antigen	
	Calculated MW: 35 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : DC2.4 cells, mouse spleen tissue, Neuro-2a cells
Species Specificity: mouse	

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

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

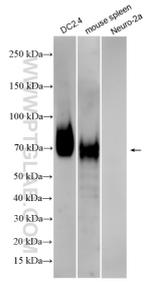
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83213-10-RR (B7-2/CD86 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.