

For Research Use Only

CD86 Recombinant antibody

Catalog Number: 82882-1-RR



Basic Information

Catalog Number: 82882-1-RR	GenBank Accession Number: BC040261	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 942	CloneNo.: 4M12
Source: Rabbit	ENSEMBL Gene ID: ENSG00000114013	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG	UNIPROT ID: P42081	
Immunogen Catalog Number: AG4063	Full Name: CD86 molecule	
	Calculated MW: 329 aa, 38 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: Human, Rat	WB: Raji cells, rat thymus tissue, Daudi cells, Ramos cells

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

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

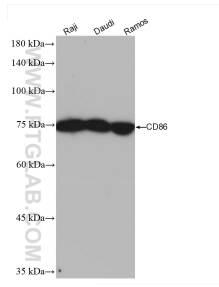
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82882-1-RR (CD86 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.