

For Research Use Only

CD86 Recombinant antibody

Catalog Number: 83213-1-RR



Basic Information

Catalog Number: 83213-1-RR	GenBank Accession Number: NML_019388	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 12524	CloneNo.: 230476B2
Source: Rabbit	UNIPROT ID: P42082-1	Recommended Dilutions: IF 1:125-1:500
Isotype: IgG	Full Name: CD86 antigen	
	Calculated MW: 35 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF : RAW 264.7 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 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:

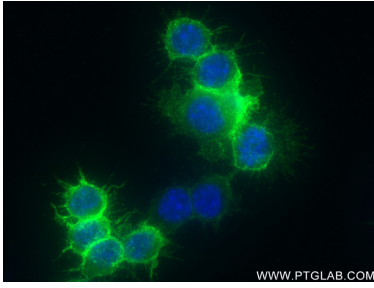
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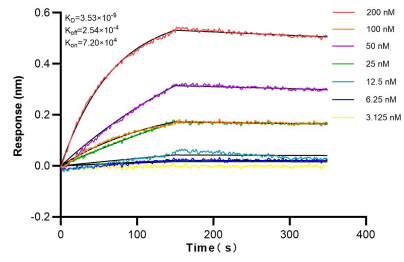
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed RAW 264.7 cells using CD86 antibody (83213-1-RR, Clone: 230476B2) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83213-1-RR against Mouse CD86 were performed. The affinity constant is 3.53 nM.