

For Research Use Only

CD86 Recombinant antibody

Catalog Number: 83213-5-RR



Basic Information

Catalog Number:

83213-5-RR

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_019388

GeneID (NCBI):

12524

UNIPROT ID:

P42082-1

Full Name:

CD86 antigen

Calculated MW:

35 kDa

Observed MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

230476A1

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : DC2.4 cells, J774A.1 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 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

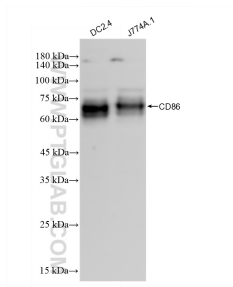
T: 4006900926

E: Proteintech-CN@ptglab.com

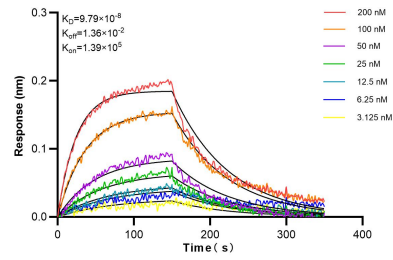
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83213-5-RR (CD86 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83213-5-RR against Mouse CD86 were performed. The affinity constant is 97.9 nM.