

CD86 Recombinant antibody

Catalog Number: 82882-1-RR

Basic Information

Catalog Number:

82882-1-RR

Size:100ul , Concentration: 1000 µg/ml by
Nanodrop;**Source:**

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4063

GenBank Accession Number:

BC040261

GeneID (NCBI):

942

ENSEMBL Gene ID:

ENSG00000114013

UNIPROT ID:

P42081

Full Name:

CD86 molecule

Calculated MW:

329 aa, 38 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

4M12

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Rat

Positive Controls: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

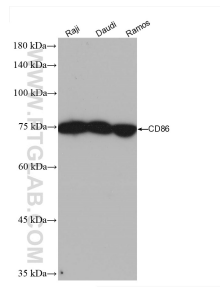
***** 20ul sizes contain 0.1% BSA**

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

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Group brand and is not available to purchase from any
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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.