

For Research Use Only

# CD86 (C-terminal) Polyclonal antibody



Catalog Number: 26903-1-AP

13 Publications

## Basic Information

<b>Catalog Number:</b> 26903-1-AP	<b>GenBank Accession Number:</b> BC040261	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 700 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 942	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000114013	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P42081	
<b>Immunogen Catalog Number:</b> AG25432	<b>Full Name:</b> CD86 molecule	
	<b>Calculated MW:</b> 329 aa, 38 kDa	
	<b>Observed MW:</b> 65 kDa	

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, rat, mouse

### Positive Controls:

WB: Daudi cells, Raji cell, Ramos cells, RAW 264.7 cells, LPS-treated RAW 264.7 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Pei Yang	33576871	Cancer Immunol Immunother	WB
Guoxiang Zhou	36030656	Biochem Biophys Res Commun	WB
Yaping Shan	35992343	Front Bioeng Biotechnol	IF

## 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

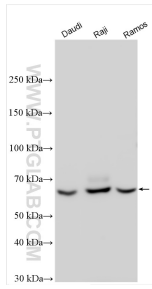
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26903-1-AP (CD86 (C-terminal) antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.