

# CD86 (C-terminal) Polyclonal antibody

Catalog Number: 26903-1-AP

12 Publications

## Basic Information

**Catalog Number:**

26903-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25432

**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:**

65 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## 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

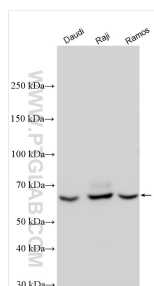
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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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.