

# CD86 (C-terminal) Polyclonal antibody

Catalog Number: 26903-1-AP

11 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:

IF, IHC, WB

## 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

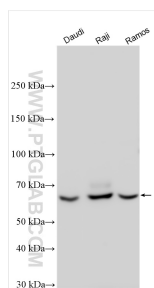
For technical support and original validation data for this product please contact:

T: 4006900926

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.