

For Research Use Only

Multi-rAb® CD86 Multi-Recombinant antibody

Catalog Number: RMX00027



Basic Information

Catalog Number:

RMX00027

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_175862

GeneID (NCBI):

942

ENSEMBL Gene ID:

ENSG00000114013

UNIPROT ID:

P42081

Full Name:

CD86 molecule

Calculated MW:

329 aa, 38 kDa

Observed MW:

70 kDa

Purification Method:

N/A

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : Raji cells, Daudi cells, Ramos cells

IP : Raji cells,

IF/ICC : Raji 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.

Aliquoting is unnecessary for -20°C storage

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

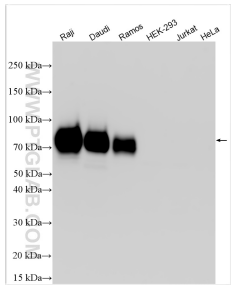
T: 4006900926

E: Proteintech-CN@ptglab.com

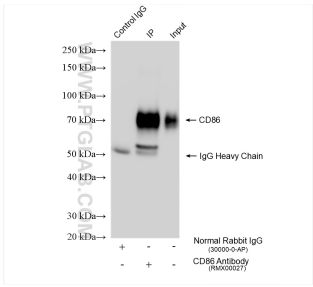
W: ptgcn.com

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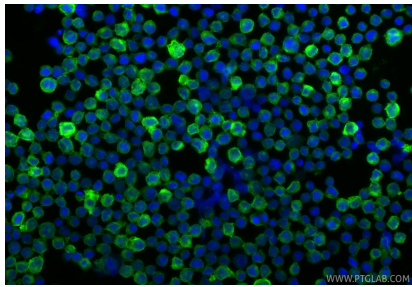
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with RMX00027 (CD86 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-CD86 (IP:RMX00027, 4ug; Detection:RMX00027 1:8000) with Raji cells lysate 2200 ug.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CD86 antibody (RMX00027, Clone: 240429A6-H1L1, 240429G11-H1L1, 240429G12-H1L1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).