

For Research Use Only

# CoraLite® Plus 405 Anti-Mouse CD86 Rabbit Recombinant Antibody



Catalog Number: CL405-98025

## Basic Information

Catalog Number:

CL405-98025

Size:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_019388

GeneID (NCBI):

12524

UNIPROT ID:

P42082-1

Full Name:

CD86 antigen

Calculated MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

230476B8

Excitation/Emission maxima wavelengths:

399 nm / 422 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## 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 CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.09% sodium azide.

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

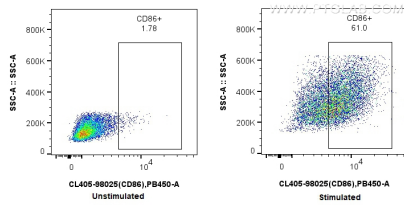
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

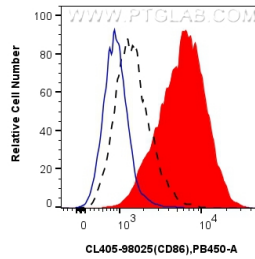
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## Selected Validation Data



$1 \times 10^6$  untreated or LPS-treated mouse splenocytes were surface stained with 0.25  $\mu$ g CoraLite® Plus 405 Anti-Mouse CD86 Rabbit Recombinant Antibody (CL405-98025, Clone: 230476B8). Cells were not fixed.



$1 \times 10^6$  LPS treated mouse splenocytes were surface stained with 0.25  $\mu$ g CoraLite® Plus 405 Anti-Mouse CD86 Rabbit Recombinant Antibody (CL405-98025, Clone: 230476B8) (red), or 0.25  $\mu$ g Isotype Control (blue).  $1 \times 10^6$  LPS treated mouse splenocytes were surface stained with 0.25  $\mu$ g CoraLite® Plus 405 Anti-Mouse CD86 Rabbit Recombinant Antibody (CL405-98025, Clone: 230476B8) (black, dashed). Cells were not fixed.