

For Research Use Only

FITC Plus Anti-Rat CD86 (24F)

Catalog Number: FITC-65224



Basic Information

Catalog Number:

FITC-65224

Concentration:

100ug, 500 μ g/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

NM_020081

GeneID (NCBI):

56822

UNIPROT ID:

O35531

Full Name:

CD86 molecule

Calculated MW:

36 kDa

Purification Method:

Affinity purification

CloneNo.:

24F

Recommended Dilutions:

FC: 0.5 ug per 10^6 cells in 100 μ l suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

rat

Positive Controls:

FC : LPS treated rat splenocytes,

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

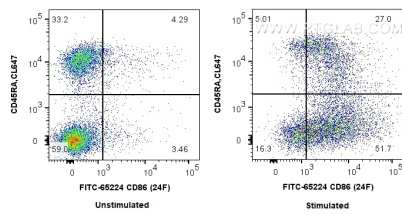
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ unstimulated or LPS-treated (5 ug/mL, 3 days) rat splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) and 0.5 ug FITC Plus Anti-Rat CD86 (FITC-65224, Clone: 24F). Cells were not fixed.