

For Research Use Only

FITC Plus Anti-Human CD86 (BU63) Rabbit Recombinant Antibody



Catalog Number: FITC-65514

Basic Information

Catalog Number:

FITC-65514

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC040261

GeneID (NCBI):

942

ENSEMBL Gene ID:

ENSG00000114013

Full Name:

CD86 molecule

Calculated MW:

329 aa, 38 kDa

Purification Method:

Affinity purification

CloneNo.:

BU63

Excitation/Emission maxima
wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

Human

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

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

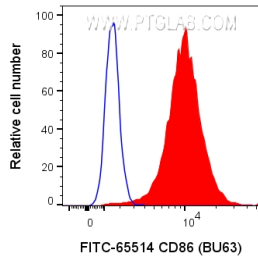
T: 4006900926

E: Proteintech-CN@ptglab.com

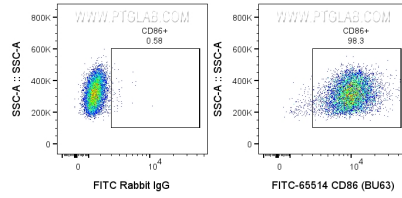
W: ptgcn.com

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Selected Validation Data



1×10^6 human PBMCs were surface stained with 5 μ l FITC Plus Anti-Human CD86 Rabbit Recombinant Antibody (FITC-65514, Clone:BU63) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.



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