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 μ l/test

Source: Rabbit

Isotype:

GenBank Accession Number:

BC040261 GeneID (NCBI):

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:

Species Specificity:

Human

Background Information

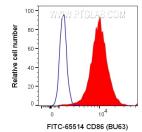
CD86 (also known as B7-2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4. 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

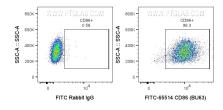
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1x10^6 human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD86 Rabbit Recombinant Antibody (FITC-65514, Clone:BU63) or FITC-conjugated Rabbit IgG control PolyAb (FITC-3000). Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.



1x10^6 human PBMCs were surface stained with 5 ut FITC Plus Anti-Human CD86 Rabbit Recombinant Antibody (FITC-65514, Clone:BU63) or FITC-conjugated Rabbit 1gG control PolyAb (FITC-30000). Cells were not fixed. Cells were treated with FC Receptor Block prior to staining. Monocytes were gated.