

For Research Use Only

FITC Plus Anti-Human CD86 (IT2.2)

Catalog Number: FITC-65118



Basic Information

Catalog Number: FITC-65118	GenBank Accession Number: BC040261	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 942	CloneNo.: IT2.2
Source: Mouse	Full Name: CD86 molecule	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG2b, kappa	Calculated MW: 329 aa, 38 kDa	

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

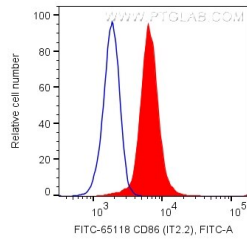
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD86 (FITC-65118, Clone: IT2.2) or unstained. Cells were not fixed. Monocytes were gated.