

For Research Use Only

Anti-Human CD86 (BU63)

Catalog Number: 65165-1-Ig



Basic Information

Catalog Number: 65165-1-Ig	GenBank Accession Number: BC040261	Purification Method: Protein A purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 942	CloneNo.: BU63
Source: Mouse	Full Name: CD86 molecule	Recommended Dilutions: IF 1:500-1:2000
Isotype: IgG1, kappa	Calculated MW: 329 aa, 38 kDa	

Applications

Tested Applications: FC, IF	Positive Controls: IF : Raji cells,
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 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.

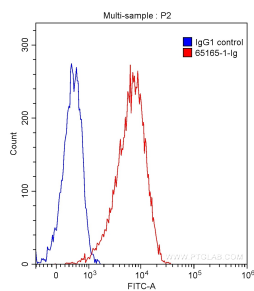
Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide.

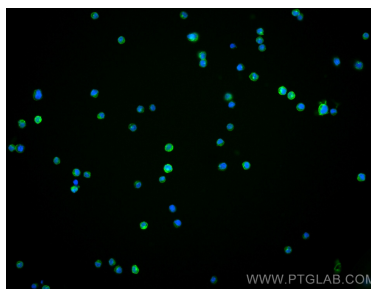
For technical support and original validation data for this product please contact:
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Selected Validation Data



1X10⁶ Daudi cells were surface stained with 0.20 ug Anti-Human CD86 (65165-1-Ig, Clone: BU63) (red) or 0.20 ug isotype control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution of 1:1000. Cells were not fixed.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CD86 antibody (65165-1-Ig, Clone: BU63) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).