

For Research Use Only

FITC Plus Anti-Mouse CD86 (GL1)

Catalog Number: FITC-65068 **6 Publications**



Basic Information

Catalog Number: FITC-65068	GenBank Accession Number: BC013807	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 12524	CloneNo.: GL1
Source: Rat	UNIPROT ID: P42082	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG2a, kappa	Full Name: CD86 antigen	

Applications

Tested Applications:
FC

Cited Applications:
FC, IF

Species Specificity:
Mouse

Cited Species:
mouse

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Yuqing Sun	34127216	Carbohydr Polym	FC
Xinlong Xie	36605251	Front Bioeng Biotechnol	FC
Yingqi Liu	37804510	Cell Rep	IF

Storage

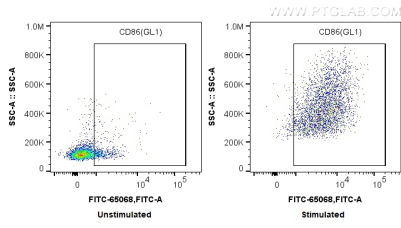
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

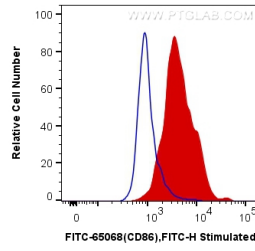
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1X10⁶ untreated or LPS-treated mouse splenocytes were surface stained with 0.125 ug FITC Plus Anti-Mouse CD86 (FITC-65068, Clone: GL1). Cells were not fixed.



1X10⁶ LPS treated mouse splenocytes were surface stained with 0.125 ug FITC Plus Anti-Mouse CD86 (FITC-65068, Clone: GL1) (red) or 0.125 ug FITC-rat IgG2a isotype control. Cells were not fixed.