

For Research Use Only

Anti-Mouse CD86 (GL1) Rat Recombinant Antibody, PBS Only

Catalog Number: 65673-1-PBS



Basic Information

Catalog Number: 65673-1-PBS	GenBank Accession Number: BC013807	Purification Method: Protein A purification
Concentration: 1mg, 2 mg/ml	GeneID (NCBI): 12524	CloneNo.: GL1
Source: Rat	UNIPROT ID: P42082	
Isotype: IgG2a	Full Name: CD86 antigen	

Applications

Tested Applications:
FC

Species Specificity:
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)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

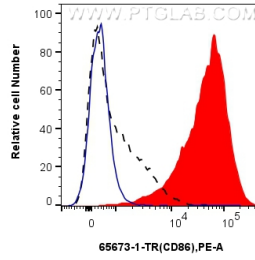
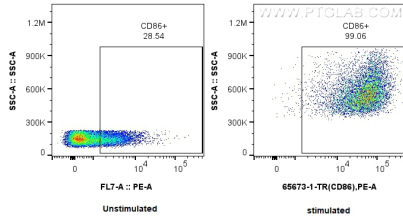
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated (left) or LPS-treated (right) mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 (GL1) Rat RecAb (65673-1-TR, Clone: GL1) and PE anti-Rat IgG2a antibody. Cells were not fixed. This data was developed using the same antibody clone with 65673-1-PBS in a different storage buffer formulation.

1x10⁶ LPS-treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 (GL1) Rat RecAb (65673-1-TR, Clone: GL1) (red) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) (blue), and PE anti-Rat IgG2a antibody. 1x10⁶ untreated mouse splenocytes were surface stained 0.25 ug Anti-Mouse CD86 (GL1) Rat RecAb (65673-1-TR, Clone: GL1) (black, dashed). Cells were not fixed. This data was developed using the same antibody clone with 65673-1-PBS in a

