

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

Size:

1mg, 2 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC013807

GeneID (NCBI):

12524

UNIPROT ID:

P42082

Full Name:

CD86 antigen

Purification Method:

Protein A purification

CloneNo.:

GL1

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.

Storage Buffer:

PBS only, pH7.3

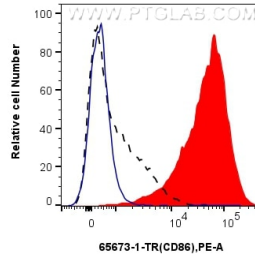
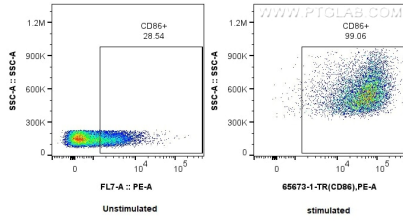
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Selected Validation Data



1×10^6 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.

1×10^6 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. 1×10^6 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

