

For Research Use Only

Anti-Mouse CD86 (GL1) Rat Recombinant Antibody

Catalog Number: 65673-1-TR



Basic Information

Catalog Number:

65673-1-TR

Size:

100ug, 1000 µg/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

Recommended Dilutions:

FC: 0.25 µg per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : LPS treated mouse splenocytes,

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

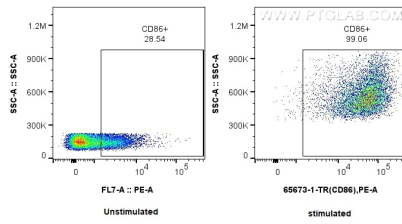
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

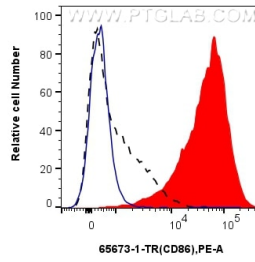
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1×10^6 untreated (left) or LPS-treated (right) mouse splenocytes were surface stained with 0.25 μ g Anti-Mouse CD86 (GL1) Rat RecAb (65673-1-TR, Clone: GL1) and PE anti-Rat IgG2a antibody. Cells were not fixed.



1×10^6 LPS-treated mouse splenocytes were surface stained with 0.25 μ g 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 μ g Anti-Mouse CD86 (GL1) Rat RecAb (65673-1-TR, Clone: GL1) (black, dashed). Cells were not fixed.