

For Research Use Only

# FcZero-rAb® PE-CoraLite® Plus 594 Anti-Mouse CD86 (GL1) Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA65673



## Basic Information

**Catalog Number:**  
PCL594-FcA65673

**Concentration:**  
100ug, 200 ug/ml

**Source:**  
Rabbit

**Isotype:**  
IgG

**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 ug per 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maxima wavelengths:**  
496 nm, 565 nm / 604 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

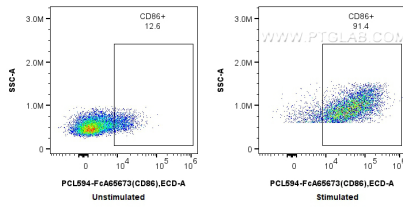
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

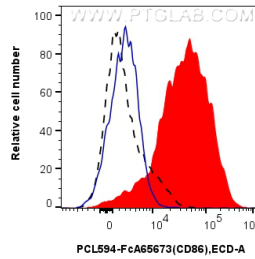
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> untreated (left) or LPS-treated (right) mouse splenocytes were surface stained with 0.25 ug PE-CoraLite® Plus 594 Anti-Mouse CD86 (GL1) Rabbit RecAb (PCL594-FcA65673, Clone: GL1). Cells were not fixed.



1x10<sup>6</sup> LPS treated mouse splenocytes were surface stained with 0.25 ug PE-CoraLite® Plus 594 Anti-Mouse CD86 (GL1) Rabbit RecAb (PCL594-FcA65673, Clone: GL1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (PCL594-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated mouse splenocytes were surface stained with 0.25 ug PE-CoraLite® Plus 594 Anti-Mouse CD86 (GL1) Rabbit RecAb (PCL594-FcA65673, Clone: GL1) (black, dashed). Cells were not fixed.

