

For Research Use Only

Anti-Mouse CD86 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98025-1-PBS



Basic Information

Catalog Number:

98025-1-PBS

Size:

1mg, 2mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_019388

GeneID (NCBI):

12524

UNIPROT ID:

P42082-1

Full Name:

CD86 antigen

Calculated MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

230476B8

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

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

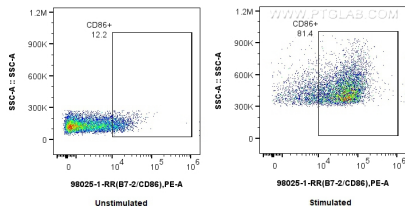
T: 4006900926

E: Proteintech-CN@ptglab.com

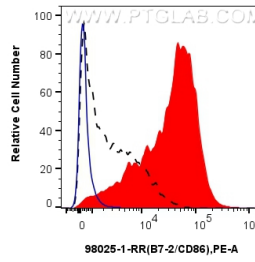
W: ptgcn.com

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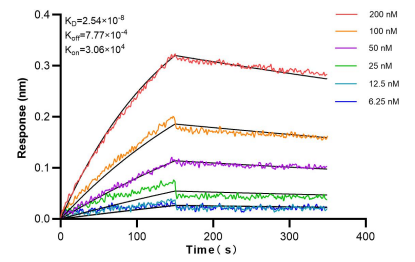
Selected Validation Data



1x10⁶ unstimulated or LPS stimulated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 Rabbit Recombinant Antibody (98025-1-RR, Clone:230476B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L). Cells were not fixed. This data was developed using the same antibody clone with 98025-1-PBS in a different storage buffer formulation.



1x10⁶ unstimulated (black) or LPS stimulated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 Rabbit Recombinant Antibody (98025-1-RR, Clone:230476B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) (red), or 0.25 ug Isotype Control (blue). Cells were not fixed. This data was developed using the same antibody clone with 98025-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 98025-1-RR against Mouse CD86 were performed. The affinity constant is 25.4 nM.