

For Research Use Only



Anti-Human CD86 (BU63) Rabbit Recombinant Antibody, PBS Only

Catalog Number: 65514-1-PBS

Basic Information

Catalog Number:

65514-1-PBS

Size:

1mg, 1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC040261

GeneID (NCBI):

942

ENSEMBL Gene ID:

ENSG00000114013

Full Name:

CD86 molecule

Calculated MW:

329 aa, 38 kDa

Purification Method:

Affinity purification

CloneNo.:

BU63

Applications

Tested Applications:

FC

Species Specificity:

Human

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. Stable for one year after shipment.

Storage Buffer:

PBS only

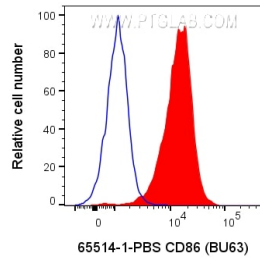
For technical support and original validation data for this product please contact:

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

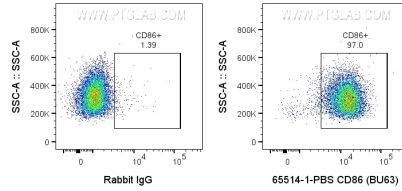
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were treated with FC Receptor Block then surface stained with 0.1 ug Anti-Human CD86 Rabbit Recombinant Antibody (65514-1-RR, Clone:BU63) or Rabbit IgG control PolyAb (30000-0-AP), and CoraLite®647-conjugated AffiniPure F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed. Monocytes were gated.



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