For Research Use Only

PE Anti-Human CD86 Rabbit Recombinant Antibody

Catalog Number:PE-98043

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
PE-98043

Size:
100tests , 5 µl/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_175862

GeneID (NCBI):
942

ENSEMBL Gene ID:
ENSG00000114013

UNIPROT ID:
P42081

Full Name:
CD86 molecule

Calculated MW:
329 aa, 38 kDa

Purification Method:
Protein A purification

CloneNo.:
240429C6

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

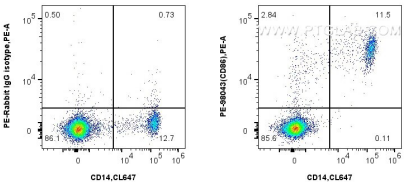
CD86 (also known as B7-2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4. 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

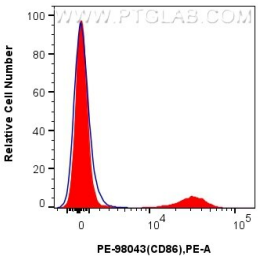
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

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

Selected Validation Data



1x10^6 human PBMCs were surface stained with CoraLite® Plus 647 Anti-Human CD14 Rabbit Recombinant Antibody, and 5 ul PE Anti-Human CD86 Rabbit Recombinant Antibody (PE-98043, Clone: 240429C6) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10^6 human PBMCs were surface stained with 5 ul PE Anti-Human CD86 Rabbit Recombinant Antibody (PE-98043, Clone: 240429C6) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.