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PE Rabbit anti-Human CD86 mAb

Catalog No.: A26125

Basic Information

Observed MW
Refer to figures

Calculated MW
38kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC54012

Conjugate
PE. Ex:565nm. Em:574nm.

Background

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.

Recommended Dilutions

FC   5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
942

Swiss Prot
P42081

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
B70; B7-2; B7.2; LAB72; CD28LG2

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information
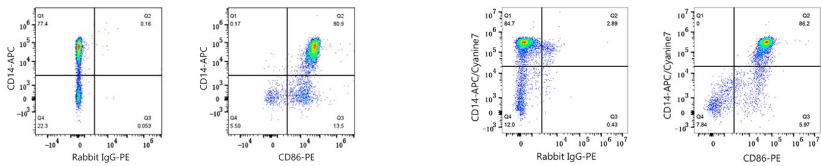
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 Cynomolgus PBMC were surface-stained with APC Rabbit anti-Human/Monkey CD14 mAb (A25937,5 µl/Test) and PE Rabbit IgG isotype control(A24172,5 µl/Test,left) or PE Rabbit anti-Human CD86 mAb (A26125,5 µl/Test,Right). Cells in the monocyte gate were used for analysis.

Flow cytometry: 1X10^6 Human PBMC were surface-stained with APC/Cyanine7 Rabbit anti-Human/Monkey CD14 mAb (A26940,5 µl/Test) and PE Rabbit IgG isotype control(A24172,5 µl/Test,left) or PE Rabbit anti-Human CD86 mAb (A26125,5 µl/Test,Right). Cells in the monocyte gate were used for analysis.