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ABflo® 594 Rabbit anti-Human CD86 mAb

Catalog No.: A24256

Basic Information

Observed MW

Refer to figures

Calculated MW

38kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC54012

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

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

a	400-999-6126
\bowtie	cn.market@abclonal.com.cn
\odot	www.abclonal.com.cn

Product Information

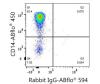
SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data





Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD14 mAb (A25196,5 µl/Test) and ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD86 mAb (A24256,5 µl/Test,right). Cells in the monocytes gate were used for analysis.