

ABflo® 647 Rabbit anti-Human/Monkey CD86 mAb

Catalog No.: A21941

Basic Information

Observed MW

Refer to figures

Calculated MW

38kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC54012

Conjugate

ABflo® 647, Ex:648nm, Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

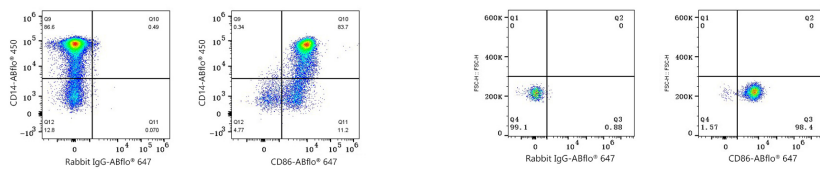
Affinity purification

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: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD14 mAb (A25196, 5 μ l/Test) and ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human/Monkey CD86 mAb (A21941, 5 μ l/Test, right). Cells in the monocytes gate were used for analysis.

Flow cytometry: 1×10^6 Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Human/Monkey CD86 mAb (A21941, 5 μ l/Test, right). Cells in the monocyte gate were used for analysis.