

ABflo® 488 Rabbit anti-Human/Monkey CD86 mAb

Catalog NO.: A21940

Basic Information

Observed MW

Refer to figures

Calculated MW

38kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC54012

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 942 /Cyno 102147235

Swiss Prot

P42081

Immunogen

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

Synonyms

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

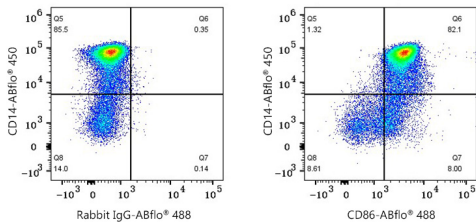
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Product Information

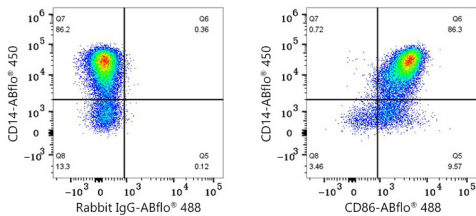
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD14 mAb (A25196,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD86 mAb (A21940,5 µl/Test,right). Cells in the monocytes gate were used for analysis.



Flow cytometry:1X10^6 Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD14 mAb (A25196,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Monkey CD86 mAb (A21940,5 µl/Test,right). Cells in the monocytes gate were used for analysis.

