Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human/Monkey CD64/FcγRI mAb

Catalog No.: A21939

Basic Information

Observed MW

Calculated MW
43kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC53680

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

Recommended Dilutions

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

Immunogen Information

Gene ID
Hu 2209 Cyon 102147198

Swiss Prot
P12314

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

Synonyms
CD64; FCG1; FCRI; CD64A; FCGR1; IGFR1; FcgammaRI

Contact

400-999-6126

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Product Information

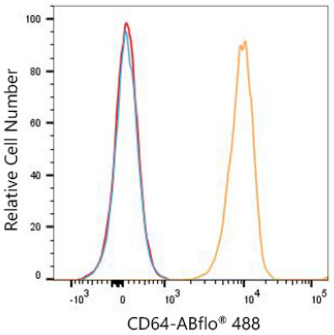
Source
Rabbit

Isotype
IgG

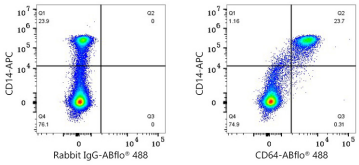
Purification
Affinity purification

Storage
Store at 2-8℃. 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 Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD64 mAb (A21939,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the Monocyte gate were used for analysis.



Flow cytometry:1X10^6 Human PBMC were surface-stained with APC Rabbit anti-Human/Monkey CD14 mAb (A25937,5 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Monkey CD64 mAb (A21939,5 µl/Test,right). Cells in the lymphocyte and monocyte gates were used for analysis.