

A22070

Leader in Biomolecular Solutions for Life Science



ABflo® 647 Rabbit IgG isotype control

Catalog No.: A22070

Basic Information

Observed MW

Calculated MW

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

CloneNo number

ARC5105-10-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Contact

 www.abclonal.com

Background

The isotype of a primary antibody and the application it is being used in can result in background staining. Primary antibody background noise can be caused by binding to Fc receptors on target cells; by non-specific interactions with cellular proteins, carbohydrates, and lipids; or by cell autofluorescence. Isotype control antibodies can act as negative controls to help differentiate non-specific background signal from specific antibody signal because they have no relevant specificity to a target antigen. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody. ABflo® 647 Excitation: 651 nm; Emission: 671 nm; Laser: Red Laser.

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthesized peptide derived from rabbit IgG isotype control

Synonyms

Product Information

Source

Rabbit

Isotype

IgG

Purification

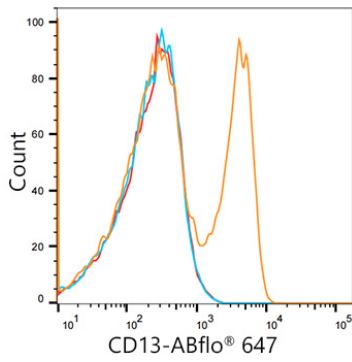
Affinity purification

Storage

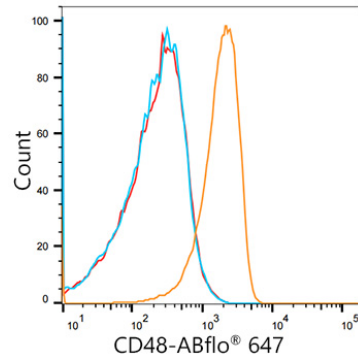
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC (negative control) were surface-stained with ABflo® 647 Rabbit anti-Human CD13/ANPEP mAb (A21945, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained Human PBMC were used as blank control (red line).



Flow cytometry: 1×10^6 Human PBMC (negative control) were surface-stained with ABflo® 647 Rabbit anti-Human CD48 mAb (A21946, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained Human PBMC were used as blank control (red line).