

A26350

Leader in Biomolecular Solutions for Life Science



ABflo® 647 Rabbit IgG isotype control

Catalog No.: A26350

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Swiss Prot

Immunogen

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

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

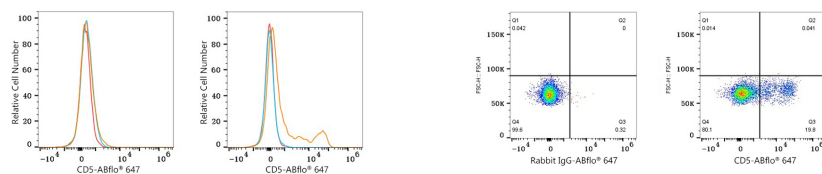
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1×10^6 RAW 264.7 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD5 mAb (A23972, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A26350, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A26350, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD5 mAb (A23972, 5 μ l/Test, right).