A26349

Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit IgG isotype control

Catalog No.: A26349 1 Publications

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibody

Applications
FC

Cross-Reactivity

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

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 10^6 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

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Product Information

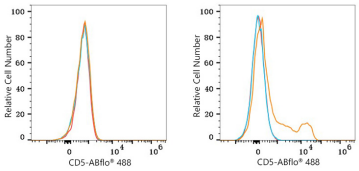
Source
Rabbit

Isotype
IgG

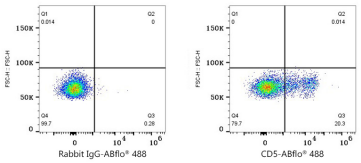
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 RAW 264.7 cells (negative control,left) and C57BL/6 mouse splenocytes (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD5 mAb (A23971,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control(A26349,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A26349,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD5 mAb (A23971,5 µl/Test,right).