Leader in Biomolecular Solutions for Life Science

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ABflo® 555 Rabbit IgG isotype control

Catalog No.: A25554

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity

CloneNo number
ARC5105-10

Conjugate
ABflo® 555. Ex:557nm. Em:570nm.

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
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

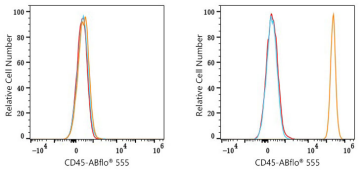
Source
Rabbit

Isotype
IgG

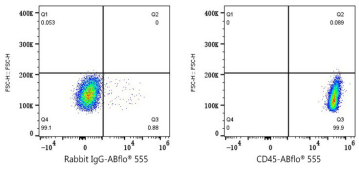
Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and Jurkat cells (right) were surface-stained with ABflo® 555 Rabbit anti-Human CD45 mAb (A25416,5 µl/Test,orange line) or ABflo® 555 Rabbit IgG isotype control (A25554,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Jurkat cells were surface-stained with ABflo® 555 Rabbit IgG isotype control (A25554,5 µl/Test,left) or ABflo® 555 Rabbit anti-Human CD45 mAb (A25416,5 µl/Test,right).