FITC Rabbit IgG isotype control

Catalog NO.: A25616

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity

Conjugation
FITC. Ex:491nm. Em:516nm.

Clone number
ARC5105-10

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

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

Source
Rabbit

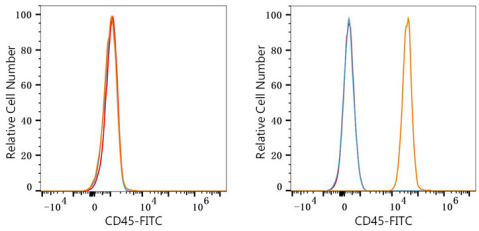
Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. 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 293T cells (negative control,left) and Jurkat cells (right) were surface-stained with FITC anti-human CD45 mAb (5 µl/Test,orange line) or FITC Rabbit IgG isotype control (A25616,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

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