

ABflo® 450 Rabbit IgG isotype control

Catalog No.: A27451

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

CloneNo number

ARC5105-10

Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

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

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

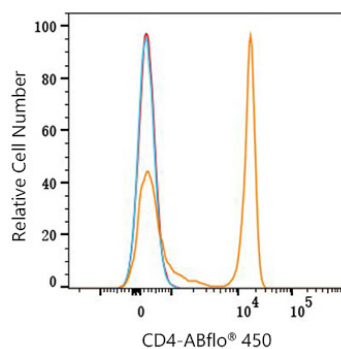
Affinity purification

Storage

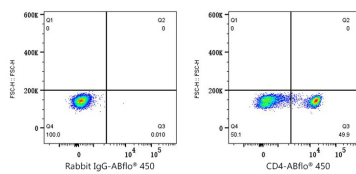
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

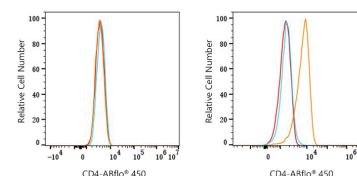
Validation Data



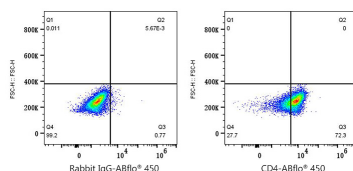
Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human CD4 mAb (A26523, 5 μ l/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (A27451, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit IgG isotype control (A27451, 5 μ l/Test, left) or ABflo® 450 Rabbit anti-Human CD4 mAb (A26523, 5 μ l/Test, right).



Flow cytometry: 1×10^6 HeLa cells (negative control, left) and THP-1 cells (right) were surface-stained with ABflo® 450 Rabbit anti-Human CD4 mAb (A26523, 5 μ l/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (A27451, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 THP-1 cells were surface-stained with ABflo® 450 Rabbit IgG isotype control (A27451, 5 μ l/Test, left) or ABflo® 450 Rabbit anti-Human CD4 mAb (A26523, 5 μ l/Test, right).