

ABflo® 500 Rabbit IgG isotype control

Catalog No.: A25972

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

CloneNo number

ARC5105-ABf500

Conjugate

ABflo® 500. Ex:410nm. Em:501nm.

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

A synthesized peptide derived from rabbit IgG isotype control.

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

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Product Information

Source

Rabbit

Isotype

IgG

Purification

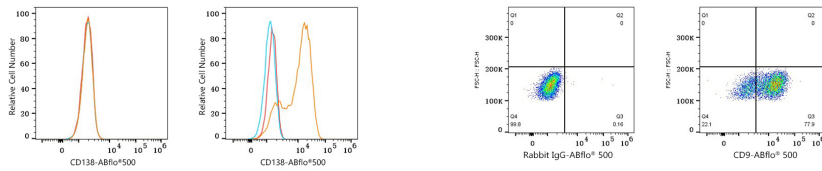
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 HEL cells (negative control, left) and U266 cells (right) were surface-stained with ABflo® 500 Rabbit anti-Human CD138 ($5 \mu\text{l}/\text{Test}$, orange line) or ABflo® 500 Rabbit IgG isotype control (A25972, $5 \mu\text{l}/\text{Test}$, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 U266 cells were surface-stained with ABflo® 500 Rabbit IgG isotype control (A25972, $5 \mu\text{l}/\text{Test}$, left) or ABflo® 500 Rabbit anti-Human CD138 ($5 \mu\text{l}/\text{Test}$, right).