

# ABflo® 500 Rabbit IgG isotype control

Catalog No.: A25972

## Basic Information

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### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

### CloneNo number

ARC5105-ABf500

### Conjugate

ABflo® 500. Ex:410nm. Em:501nm.

## Background

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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

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FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

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### Gene ID

### Swiss Prot

### Immunogen

A synthesized peptide derived from rabbit IgG isotype control.

### Synonyms

## Contact

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☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

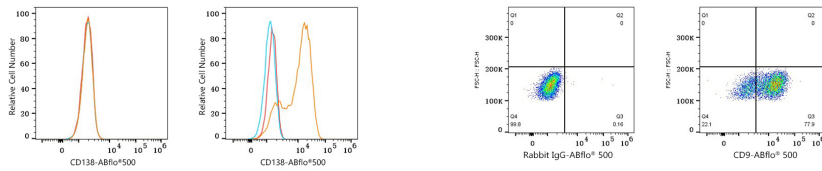
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  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:  $1 \times 10^6$  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).