

# ABflo® 488 Rabbit IgG isotype control

Catalog NO.: A22069

## Basic Information

**Observed MW**

**Calculated MW**

**Category**

Monoclonal Antibodies

**Applications**

FC

**Cross-Reactivity**

**Conjugation**

ABflo® 488. 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<sup>6</sup> cells in 100 µl volume

## Immunogen Information

**Gene ID**

**Swiss Prot**

**Immunogen**

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

**Synonyms**

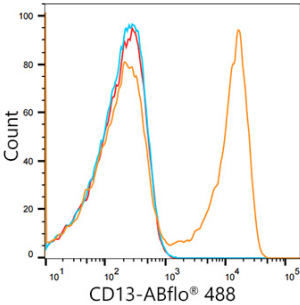
## Contact

## Product Information

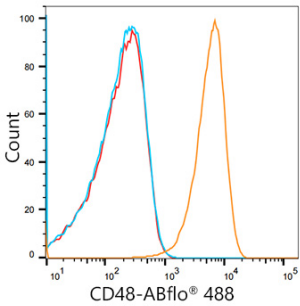
|   |  |                      |
|---|--|----------------------|
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|                                                                                                                                   |                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                     | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                            | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                    |                |                       |
| 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 Human PBMC(negative control) were surface-stained with ABflo® 488 Rabbit anti-Human CD13/ANPEP mAb(A21945,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained Human PBMC were used as blank control (red line).



Flow cytometry: 1X10^6 Human PBMC(negative control) were surface-stained with ABflo® 488 Rabbit anti-Human CD48 mAb(A21945,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained Human PBMC wereused as blank control (red line).

