

ABflo® 500 Rabbit IgG isotype control

Catalog NO.: A25972

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Conjugation

ABflo® 500. Ex:410nm. Em:501nm.

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Swiss Prot

Immunogen

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

Synonyms

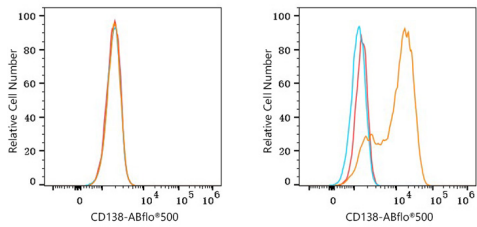
Contact

Product Information

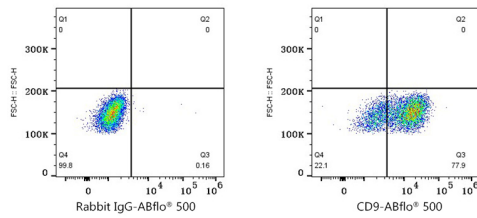
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10^6 HEL cells (negative control,left) and U266 cells (right) were surface-stained with ABflo® 500 Rabbit anti-Human CD138 (5 µl/Test,orange line) or ABflo® 500 Rabbit IgG isotype control (A25972,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 U266 cells were surface-stained with ABflo® 500 Rabbit IgG isotype control (A25972,5 µl/Test,left) or ABflo® 500 Rabbit anti-Human CD138 (5 µl/Test,right).

