

Technical Data Sheet

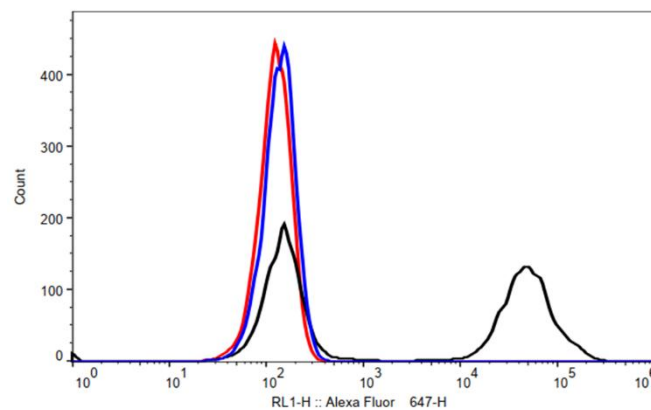
Rabbit IgG Isotype Control, Alexa Fluor 647

Product Information

Material Number:	700302
Size:	100 tests
Vol. per Test	1 μ L
Antibody Types	Monoclonal
Clone:	6B2
Immunogen:	KLH
Host:	Rabbit
Isotype:	IgG
Storage Buffer:	Aqueous buffered solution containing protein stabilizer and $\leq 0.05\%$ ProClin 300

Background

Isotype controls are negative controls that are designed to measure the amount of non-specific background signal caused by the primary antibody. Isotype controls have no specificity for the target protein, yet retain all of the non-specific characteristics of an antibody.



Flow cytometric analysis of anti-CD19 CAR expression on human cell line Jurkat cells. Jurkat cells were transduced with lentivirus encoding anti-CD19 CAR and cultured. 2×10^5 cells were stained with Rabbit Anti-Mouse FMC63 scFv Monoclonal antibody, Alexa Fluor 647 (Cat. No. 200102) (black) compared to Rabbit IgG Isotype Control, Alexa Fluor 647 (Cat. No. 700302) (blue), or unstained (red). Acquisition of $>10,000$ events was performed.

Preparation and Storage

Store undiluted at 2-8 °C and protected from prolonged exposure to light. Do not freeze.

The monoclonal antibody was purified by Protein A.

The antibody was conjugated with Alexa Fluor 647 under optimum conditions, and unincorporated dye was removed.

Application Notes

Application

Flow cytometry

Routinely Tested

Product Notices

1. Negative control for use in conjunction with BioSwan Laboratories antibodies. This isotype control has been derivatized with a quantity of fluorochrome that matched the F/P (fluorochrome/protein) ratio of BioSwan Laboratories monoclonal reagents. The recommended concentration is 1 μ L /test.
2. Caution: Antibody solutions containing ProClin 300 should be handled with care. Do not take internally and avoid all contact with the skin, mucosa

and eyes.

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