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InnoCyto Inc.

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FITC Human IgG4 isotype control (S228P, L235E) Antibody

Catalog Number:	303103, 303104
Size:	25 ug, 100 ug
Target Name:	Human IgG4 isotype control
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	1016AH4M2
Application:	Flow Cytometry
Reactivity:	N/A
Format:	FITC
Isotype:	Human IgG4
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	0.2mg/mL
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	Use at concentrations comparable to those used for the target-specific antibody
Excitation Laser:	Blue Laser (488 nm)

BACKGROUND INFORMATION

There are four IgG subclasses (IgG1, 2, 3, and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant). The measurement of immunoglobulin G can be a diagnostic tool for certain conditions. This clone carries the S228P mutation, which helps reduce half-antibody formation commonly seen in the IgG4 subclass. It also includes the L235E mutation, which minimizes unwanted side effects by silencing Fc-mediated immune responses.