IgG-1 Negative Control

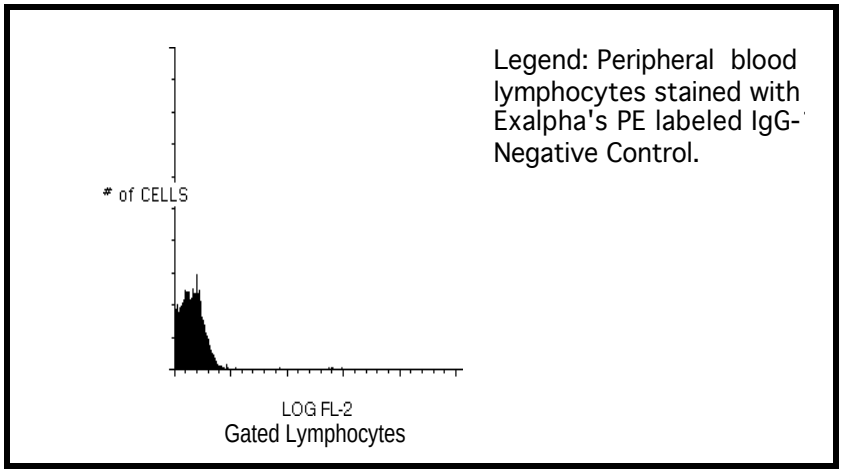
Product: Mouse IgG Isotype controls for use with human cells.

Description: Negative control for Immunofluorescence staining with Pure, FITC, Biotin, PE and APC of mouse monoclonal antibodies. Assessment of non-specific binding of mouse monoclonal antibodies to human cell surface antigens.

Isotype: Mouse IgG-1 kappa.

Clone: ZX3

Use: Consult the appropriate fact sheet to determine the amount of antibodies to be used as a control for PBMC or Whole Blood. PBMC: Add 10 µl of MAB/10^6 PBMC in100 µl PBS. Mix gently and incubate for 15 minutes at 2^{o} to 8^{o}C. Wash twice with PBS and analyze. WHOLE BLOOD: Add10µl of MAB/100 µl of Whole Blood. Mix gently and incubate for 15 minutes at room temperature 20^{o}C. Lyse the whole blood. Wash once with PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope. ALLOPHYCOCYANIN: (APC) conjugates are analyzed in multi-color flow cytometry with instruments equipped with a second laser and proper filters. Laser excitation is at α633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633nm) range for a Dye laser. Peak fluorescence emission is at 660 nm.
RPE-Cy-5^{+}: Excites at 488nm and emits at 670nm. Store protected from light.



Legend: Peripheral blood lymphocytes stained with Exalpha's PE labeled IgG-1 Negative Control.

Storage: Antibodies are supplied in PBS, 0.08% sodium azide and 0.2% protein carrier for Pure, FITC, Biotin, PE and APC. Antibodies should be stored at 4-8^{o} C. Monoclonal antibodies should not be frozen. Reagents are stable for the period shown on the vial label when stored properly.

For research use only. Not for use in human diagnostics or therapeutics.

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Ordering Information:	Form	Vial Size	Catalog #
	Pure	100 Test	0G11
	FITC	100 Test	0G12
	Biotin	100 Test	0G13
	RPE	100 Test	0G14
	APC	100 Test	APG1
	RPE-Cy-5	100 Test	X1065

REFERENCES:

1. Immunofluorescence Measurement in a Flow Cytometer using Low-Power Helium Neon Laser Excitation. Shapiro, H.M, Glazer, A.N., Christenson, L., Williams, J.M., and Strom, T. B. Cytometry 4,276, 1983.

2. Comparison of Helium Neon and Dye lasers for Excitation of Allophycocyanin. Loken, M.R., Kiej, J.F. and Kelly, K.,A. Cytometry 8, 96, 1987.

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