



3-Color™ IgG1 FITC-IgG1 RPE-IgG1 RPE-Cy-5⁺ Negative Control

Product: Exalpa Biological's 3-Color™ System - IgG1 FITC-IgG1 PE-IgG1 RPE-Cy-5. Single laser excitation at 488 nm and emission at 670 nm.

Description: Negative control for immunofluorescence staining with Exalpa Biological's 3-Color™ FITC, RPE and RPE-Cy-5 of mouse monoclonal antibodies. Assessment of non-specific binding of mouse monoclonal antibodies to human cell surface antigens.

Isotypes: Mouse IgG1 kappa / IgG1 kappa / IgG1 kappa.

Clones: ZX3 (IgG1 FITC)-ZX3 (IgG1 PE)-ZX3 (IgG1 RPE-Cy-5)

Fluorescence Information:

<u>Dye</u>	<u>Excitation</u>	<u>Emission</u>
FITC	488 nm	530 EM λ max nm
RPE	488 nm	565 EM λ max nm
RPE-Cy-5	488 nm	670 EM λ max nm

Use: PBMC: Add 10 μ l of 3-Color™ antibody reagent/10⁶ PBMC in 100 μ l PBS. Mix gently and incubate for 15 minutes at 2^o to 8^o C. Wash twice with PBS. Add 10 μ l of Exalpa Biological's pre-titered 3-Color™ and incubate 15 minutes at 2^o to 8^o C. Wash twice with PBS or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.

WHOLE BLOOD: Add 10 μ l of Exalpa Biological's 3-Color™ antibody reagent MAB/100 μ l of whole blood. Mix gently and incubate for 15 minutes at room temperature 20^o C. Lyse the whole blood. Wash twice with PBS or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

Storage: 3-Color™ reagents are supplied in PBS, 0.08% sodium azide and 0.2% carrier protein. 3-Color™ should be stored at 4-8^o C until use. 3-Color™ should not be frozen and is stable for the period shown on the vial label. 3-Color™ should be stored in the dark at all times.

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

Ordering Information Form**Vial Size****Catalog#**

3-Color™ IgG1 FITC-RPE-RPE-Cy5	50 Test	X1048s
3-Color™ IgG1 FITC-RPE-RPE-Cy5	200 Test	X1048

Cy-5⁺ Portions of this product is manufactured under license from Carnegie Mellon University, U.S. Patent Number 5,268,486.

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

Exalpha Biologicals, Inc., 2 Shaker Rd, #B101, Shirley, MA 01464
Tel: 800.395.1137 or 978.425.1370, Fax: 866.924.5100 or 978.425.1376, Web: www.exalpha.com