

## IgG2A & IgG2b\* Negative Control

**Product:** Mouse IgG2a Isotype controls for use with human cells.

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

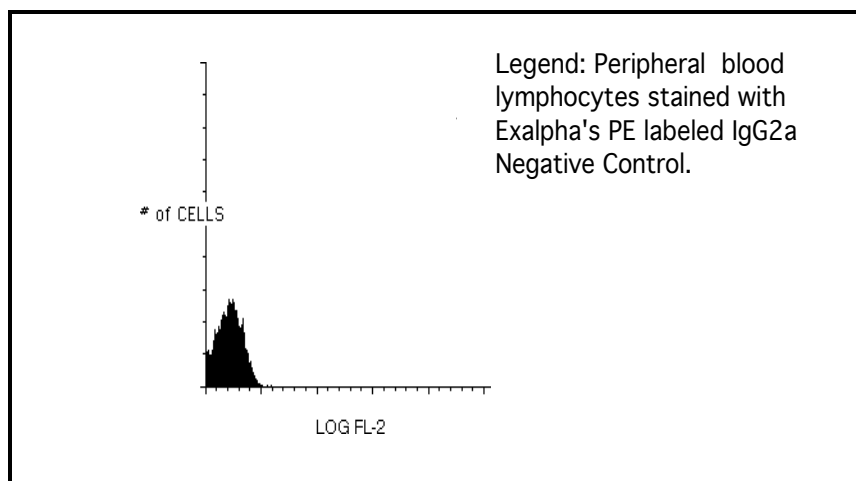
**Isotype:** Mouse IgG2a kappa

**Clone:** ZX4

**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  $\mu$ l of MAB/10<sup>6</sup> PBMC in 100  $\mu$ l PBS. Mix gently and incubate for 15 minutes at 2<sup>o</sup> to 8<sup>o</sup>C. Wash twice with PBS and analyze.

WHOLE BLOOD: Add 10  $\mu$ l of MAB/100  $\mu$ l of whole blood. Mix gently and incubate for 15 minutes at room temperature 20<sup>o</sup>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 633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633 nm) 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.



**Storage:** Antibodies are supplied in PBS, 0.08% sodium azide and 0.2% protein carrier for Pure, FITC, Biotin and PE. Antibodies should be stored at 4-8<sup>o</sup>

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

C. Monoclonal antibodies should not be frozen. Reagents are stable for the period shown on the vial label when stored properly.

<b>Ordering Information:</b>	<b>Form</b>	<b>Vial Size</b>	<b>Catalog #</b>
	Pure	100 Test	02A1
	FITC	100 Test	02A2
	Biotin	100 Test	02A3
	RPE	100 Test	02A4
	APC	100 Test	APG2
	RPE-Cy-5	100 Test	X1049

- **All of Exalpa's IgG2a Negative Controls work with all IgG2b isotypes.**

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

**WARNING:** Reagents containing sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide containing compounds should be discarded with proper caution. There are no warranties, expressed or implied, which extend beyond the description on the label of the product. Exalpa is not liable for property damage, personal injury or economic loss caused by the product. Nothing disclosed herein is to be construed as a recommendation to use Exalpa's products in violation of any patents. Exalpa cannot be responsible for patent infringement or other violations that may occur by the use of its products.