

Hamster IgG Isotype Control

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
0121-01	Purified (UNLB) Antibody	0.5 mg
0121-02	Fluorescein (FITC) Conjugate	0.5 mg
0121-08	Biotin (BIOT) Conjugate	0.5 mg
0121-09	*R-phycoerythrin (R-PE) Conjugate	0.1 mg
0121-13	**Spectral Red™ (SPRD) Conjugate	0.1 mg
0121-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg

DESCRIPTION

Source Pool of normal Armenian and Syrian hamster sera.
Ig Isotype Hamster IgG
Specificity N/A

RESEARCH APPLICATIONS

- Flow cytometry
- ELISA

CHARACTERIZATION

To insure lot to lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using immunofluorescence staining and analysis on a Becton Dickinson FACScan™ flow cytometer.

WORKING DILUTIONS

<u>Flow Cytometry:</u>	Fluorescein conjugate	≤1 µg/10 ⁶ cells
	Biotin conjugate	≤1 µg/10 ⁶ cells
	R-phycoerythrin conjugate	≤0.2 µg/10 ⁶ cells
	Spectral Red™ conjugate	≤0.2 µg/10 ⁶ cells

Other Applications: Since applications vary, each investigator should determine the optimum working dilutions of the product that is appropriate for their specific needs.

HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.0. *No preservatives or amine-containing buffer salts added.*
- The fluorescein (FITC) conjugate is supplied as either 0.5 mg or 0.1 mg in 1.0 mL PBS/NaN₃.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃.
- The R-phycoerythrin (R-PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent.
- The Spectral Red™ (SPRD) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent.
- The low endotoxin, azide-free antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS; **aliquot and store at or below -20°C.**
- With the exception of the low endotoxin, azide-free product, the vials should be stored at 2-8°C. Conjugated forms should **not** be frozen and should be protected from prolonged exposure to light. Aliquot and freeze the low endotoxin, azide-free product at -20°C immediately upon receipt. Each reagent is stable for the period shown on the bottle label if stored as directed..

WARNING

Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

* R-phycoerythrin is licensed under U.S. Patent 4,520,110, European Patent No. 76,695 and Canadian Patent No. 1,179,942.

FACScan™ is a registered trademark of Becton Dickinson Immunocytometry Systems, Inc., San Jose, CA.

Spectral Red™ is a registered trademark of Southern Biotechnology Associates, Inc.

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