

Sheep IgG Isotype Control

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
0133-01	Purified (UNLB) IgG	5 mg
0133-08	Biotin (BIOT) Conjugate	1.0 mg
0133-09	R-phycoerythrin (R-PE) Conjugate	0.1 mg

DESCRIPTION

Source Normal sheep serum
Ig Isotype Sheep IgG
Specificity N/A

RESEARCH APPLICATIONS

- Flow cytometry
- Enzyme-Linked-Immunosorbent-Assay (ELISA)

CHARACTERIZATION

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

WORKING DILUTIONS

Flow Cytometry:

Purified IgG	≤1 µg/10 ⁶ cells
Biotin conjugate	≤1 µg/10 ⁶ cells
R-phycoerythrin conjugate	≤0.1 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.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

HANDLING AND STORAGE

- The purified (UNLB) IgG is supplied as 5.0 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (R-PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The products should be stored at 2-8°C. Conjugated forms should not be frozen and should be protected from prolonged exposure to light. Each product is stable for the period shown on the 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.

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