

Mouse Anti-Rabbit IgG

Cat. No.	Form	Quantity
4090-01	Purified (UNLB) Antibody	0.5 mg
4090-02	Fluorescein (FITC) Conjugate	0.5 mg
4090-04	Alkaline Phosphatase (AP) Conjugate	1.0 mL
4090-05	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
4090-08	Biotin (BIOT) Conjugate	0.5 mg
4090-09	R-phycoerythrin (R-PE) Conjugate	0.1 mg
4090-13	*Spectral Red™ (SPRD) Conjugate	0.1 mg

DESCRIPTION

Clone	2A9
Ig Isotype	Mouse IgG ₁
Specificity	Reacts with the heavy chain of all subclasses of rabbit IgG as demonstrated by ELISA; may also react with IgG from other species.

RESEARCH APPLICATIONS

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

CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested by ELISA, Fluorescent ELISA, and/or flow cytometry to conform to characteristics of a standard reference reagent.

WORKING DILUTIONS

Flow Cytometry:	Fluorescein conjugate	≤ 3 µg/10 ⁶ cells
	R-phycoerythrin conjugate	≤ 0.3 µg/10 ⁶ cells
	Spectral Red™ conjugate	≤ 0.3 µg/10 ⁶ cells

ELISA:	Purified antibody	1:4,000-1:8,000
	AP conjugate	1:2,000-1:4,000
	HRP conjugate	1:4,000-1:8,000
	BIOT conjugate	1:5,000-1:20,000

Other Applications: Since applications vary, you should determine the optimum working dilution of the product that is appropriate for your specific need.

For Research Purposes Only. Not for Diagnostic or Therapeutic Applications.

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 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50mM Tris/1mM MgCl₂/50% Glycerol, pH 8.0, containing 0.1% NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 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 Spectral Red™ (SPRD) 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!**
- Protect conjugated forms from light. Reagents are 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.

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

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