

## Rat Anti-Rabbit Ig

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
4065-01	Purified (UNLB) Antibody	0.5 mg
4065-05	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
4065-08	Biotin (BIOT) Conjugate	0.5 mg
4065-09	R-phycoerythrin (R-PE) Conjugate	0.1 mg
4065-13	*Spectral Red™ (SPRD) Conjugate	0.1 mg

### DESCRIPTION

**Clone** SB87a  
**Ig Isotype** Rat IgG<sub>2a</sub>  
**Specificity** Reacts with Rabbit IgG and Rabbit IgM as demonstrated by ELISA, FLISA, and/or flow cytometry. It has been tested by ELISA to ensure minimal cross reactivity to human, goat, mouse, rat, hamster, pig, guinea pig, dog, sheep, and monkey immunoglobulins. Reactivity to species not listed has not been determined.

### RESEARCH APPLICATIONS

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

### CHARACTERIZATION

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

### WORKING DILUTIONS

**Flow Cytometry:** R-phycoerythrin conjugate ≤ 0.1 µg/10<sup>6</sup> cells  
Spectral Red™ conjugate ≤ 0.1 µg/10<sup>6</sup> cells

**ELISA:** HRP conjugate 1:4,000-1:8,000  
BIOT conjugate 1:5,000-1:20,000

**Other Applications:** Since applications vary, investigators are advised to determine the optimum working dilution of the product that is appropriate for a specific need.

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

## 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 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/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (R-PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red™ (SPRD) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**

## 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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