

Mouse Anti-Monkey IgG

Cat. No.	Form	Quantity
4700-01	Purified (UNLB) Antibody	0.5 mg
4700-04	Alkaline Phosphatase (AP) Conjugate	1.0 mL
4700-05	Horseradish Peroxidase (HRP) Conjugate	1.0 mL
4700-08	Biotin (BIOT) Conjugate	0.5 mg
4700-09	R-phycoerythrin (R-PE) Conjugate	0.1 mg

DESCRIPTION

Clone	SB108a
Ig Isotype	Mouse IgG ₁
Immunogen	Rhesus IgG
Specificity	Rhesus and Cynomolgous Monkey IgG heavy chain as demonstrated by ELISA or FLISA.

This monoclonal antibody recognizes *Macaca Mulatta* (Rhesus) and *Macaca Fascicularis* (Cynomolgous) IgG heavy chain. It has been tested to ensure minimal cross reactivity to human, goat, mouse, rat, cat, rabbit, horse, chicken, pig, bovine, guinea pig, and donkey serum. Reactivity to other species of *Macaca* IgG has not been determined.

RESEARCH APPLICATIONS:

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

CHARACTERIZATION

To ensure lot to lot consistency, each batch of product is tested by ELISA or FLISA to conform to the characteristics of a standard reference reagent.

WORKING DILUTIONS

ELISA:	Purified (UNLB) antibody	<1 µg/mL
	AP conjugate	1:1,000-1:2,000
	Horseradish peroxidase conjugate	1:2,000-1:8,000
	BIOT conjugate	1:5,000-1:20,000

FLISA:	PE conjugate	1µg/mL
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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 Use in 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 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 0.2mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**

WARNING

Reagents contain sodium azide which 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.