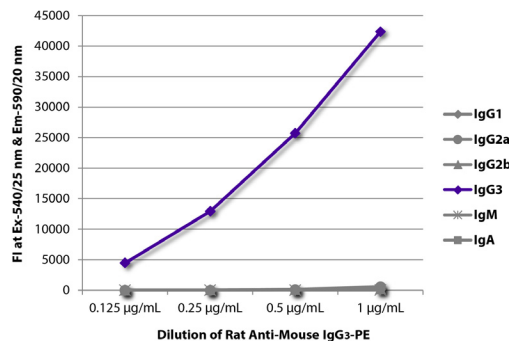




## Rat Anti-Mouse IgG<sub>3</sub>

Cat. No.	Format	Size
1191-01	Purified (UNLB)	0.5 mg
1191-02	Fluorescein (FITC)	0.5 mg
1191-04	Alkaline Phosphatase (AP)	1.0 mL
1191-05	Horseradish Peroxidase (HRP)	1.0 mL
1191-08	Biotin (BIOT)	0.5 mg
1191-09	R-phycoerythrin (PE)	0.1 mg
1191-09L	R-phycoerythrin (PE)	0.2 mg



FLISA plate was coated with purified mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgG<sub>3</sub>-PE (SB Cat. No. 1191-09).

### Overview

<b>Clone</b>	SB76b
<b>Isotype</b>	Rat (Sprague Dawley) IgG <sub>2a</sub> λ
<b>Immunogen</b>	Mouse IgG <sub>3</sub> hybridoma
<b>Specificity</b>	Mouse IgG <sub>3</sub>

### Applications

FC – Quality tested  
 ELISA – Quality tested <sup>1,2</sup>  
 FLISA – Quality tested

### Working Dilutions

<b>Flow Cytometry</b>	FITC and BIOT conjugates	≤ 1.0 µg/10 <sup>6</sup> cells
	PE conjugate	≤ 0.1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>ELISA</b>	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC conjugate	1:200 – 1:400
	PE conjugate	≤ 1 µg/mL
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 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/NaN<sub>3</sub>. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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 of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL or 0.2 mg in 2.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific (M)SDS.

## References

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1. Chen M, Hong MJ, Sun H, Wang L, Shi X, Gilbert BE, et al. Essential role for autophagy in the maintenance of immunological memory against influenza infection. *Nat Med.* 2014;20:503-10. (ELISA)
2. Zuest R, Valdes I, Skibinski D, Lin Y, Toh YX, Chan K, et al. Tetravalent dengue DIIIC protein together with alum and ODN elicits a Th1 response and neutralizing antibodies in mice. *Vaccine.* 2015;33:1474-82. (ELISA)