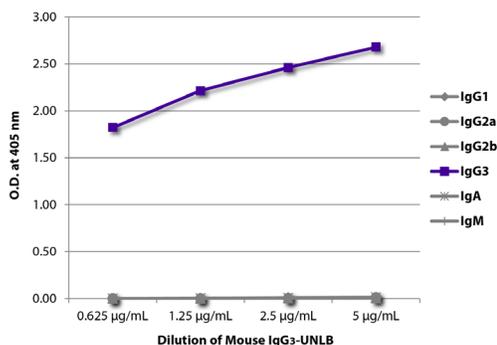




## Mouse IgG<sub>3</sub> Isotype Control

Cat. No.	Format	Size
0105-01	Purified (UNLB)	1.0 mg
0105-02	Fluorescein (FITC)	100 tests
0105-04	Alkaline Phosphatase (AP)	1.0 mL
0105-05	Horseradish Peroxidase (HRP)	1.0 mL
0105-08	Biotin (BIOT)	0.5 mg
0105-09	R-phycoerythrin (PE)	100 tests
0105-11	Allophycocyanin (APC)	100 tests
0105-13	Spectral Red <sup>®</sup> (SPRD)	100 tests
0105-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0105-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	100 tests
0105-31	Alexa Fluor <sup>®</sup> 647 (AF647)	100 tests



ELISA plate was coated with serially diluted Mouse IgG<sub>3</sub>-UNLB (SB Cat. No. 0105-01). Immunoglobulin was detected with Goat Anti-Mouse IgG<sub>1</sub>, Human ads-BIOT (SB Cat. No. 1070-08), Goat Anti-Mouse IgG<sub>2a</sub>, Human ads-BIOT (SB Cat. No. 1080-08), Goat Anti-Mouse IgG<sub>2b</sub>, Human ads-BIOT (SB Cat. No. 1090-08), Goat Anti-Mouse IgG<sub>3</sub>, Human ads-BIOT (SB Cat. No. 1100-08), Goat Anti-Mouse IgA-BIOT (SB Cat. No. 1040-08), and Goat Anti-Mouse IgM, Human ads-BIOT (SB Cat. No. 1020-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05) and quantified.

### Overview

<b>Clone</b>	B10
<b>Isotype</b>	Mouse IgG <sub>3</sub> λ
<b>Specificity</b>	Unknown

### Applications

FC – Quality tested <sup>7-10</sup>  
 ELISA – Quality tested <sup>1-6</sup>  
 FLISA – Quality tested  
 ICC – Reported in literature <sup>11,12</sup>  
 IP – Reported in literature <sup>12</sup>  
*In vitro* control – Reported in literature <sup>7,13</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	BIOT conjugate	≤ 1 µg/10 <sup>6</sup> cells
	FITC, PE, APC, SPRD, CY5, PE/CY7, and AF647 conjugates	10 µL/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>	Purified (UNLB) antibody	1 - 5 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000

**Other Applications** 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

- The purified (UNLB) antibody is supplied as 1.0 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) and Alexa Fluor® 647 (AF647) conjugates are supplied as 100 tests 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 in a stock solution of 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 in a stock solution of 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) and allophycocyanin (APC) conjugates are supplied as 100 tests 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) and R-phycoerythrin-Cyanine 7 (PE/CY7) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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

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