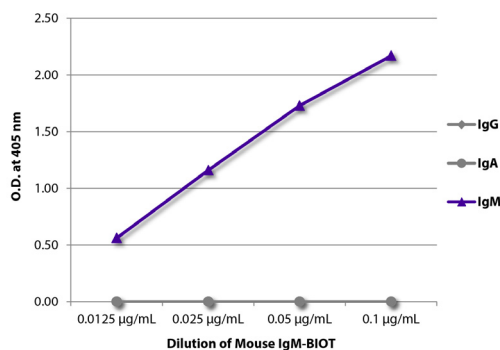




## Mouse IgM Isotype Control

Cat. No.	Format	Size
0101-01	Purified (UNLB)	1.0 mg
0101-02	Fluorescein (FITC)	100 tests
0101-08	Biotin (BIOT)	0.5 mg
0101-09	R-phycoerythrin (PE)	100 tests
0101-11	Allophycocyanin (APC)	100 tests
0101-13	Spectral Red <sup>®</sup> (SPRD)	100 tests
0101-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0101-16	R-phycoerythrin-Cyanine 5.5 (PE/CY5.5)	100 tests
0101-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	100 tests
0101-22	Fluorescein-5-maleimide (FLMA)	100 tests
0101-30	Alexa Fluor <sup>®</sup> 488 (AF488)	100 tests



ELISA plate was coated with Goat Anti-Mouse IgG, Human ads-UNLB (SB Cat. No. 1030-01), Goat Anti-Mouse IgA-UNLB (SB Cat. No. 1040-01), and Goat Anti-Mouse IgM, Human ads-UNLB (SB Cat. No. 1020-01). Serially diluted Mouse IgM-BIOT (SB Cat. No. 0101-08) was captured followed by Streptavidin-HRP (SB Cat. No. 7100-05) and quantified.

### Overview

<b>Clone</b>	11E10
<b>Isotype</b>	Mouse IgM $\lambda$
<b>Specificity</b>	Lipopolysaccharide

### Applications

FC – Quality tested<sup>17-19</sup>  
 ELISA – Quality tested<sup>1-13</sup>  
 FLISA – Quality tested  
 IHC-FS – Reported in literature<sup>14,15</sup>  
 IHC-PS – Reported in literature<sup>16</sup>  
 Block – Reported in literature<sup>6</sup>  
*In vitro* control – Reported in literature<sup>20-22</sup>

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	$\leq 1 \mu\text{g/mL}$
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC, FLMA, and AF488	1:100 – 1:400
	PE and APC	$\leq 1 \mu\text{g/mL}$
<b>Flow Cytometry</b>	Purified (UNLB) antibody	$\leq 1 \mu\text{g}/10^6$ cells
	BIOT conjugate	$\leq 1 \mu\text{g}/10^6$ cells
	FITC, PE, APC, SPRD, PE/CY5.5, PE/CY7, FLMA, and AF488 conjugates	$10 \mu\text{L}/10^6$ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 $\mu\text{L}$	
<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

- 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), fluorescein-5-maleimide (FLMA), and Alexa Fluor® 488 (AF488) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°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), R-phycoerythrin-Cyanine 5.5 (PE/CY5.5) 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. **Aliquot and store at or below -20°C.**
- 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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09-Feb-18

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