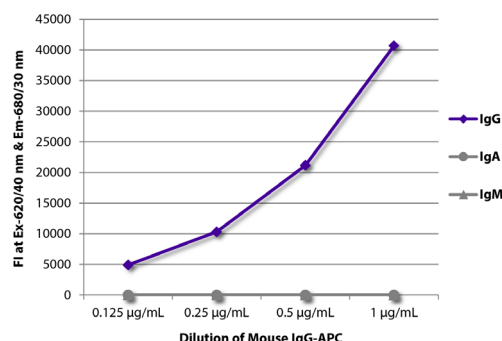




Mouse IgG Isotype Control

Cat. No.	Format	Size
0107-01	Purified (UNLB)	10 mg
0107-02	Fluorescein (FITC)	0.5 mg
0107-04	Alkaline Phosphatase (AP)	1.0 mL
0107-05	Horseradish Peroxidase (HRP)	1.0 mL
0107-08	Biotin (BIOT)	0.5 mg
0107-09	R-phycoerythrin (PE)	0.1 mg
0107-10	R-phycoerythrin-Texas Red® (PE/TXRD)	0.1 mg
0107-11	Allophycocyanin (APC)	0.1 mg
0107-13	Spectral Red® (SPRD)	0.1 mg
0107-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
0107-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	0.1 mg
0107-18	Allophycocyanin-Cyanine 5.5 (APC/CY5.5)	0.1 mg
0107-19	Allophycocyanin-Cyanine 7 (APC/CY7)	0.1 mg



FLISA 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 IgG-APC (SB Cat. No. 0107-11) was captured and fluorescence intensity quantified.

Description

Isotype	Mouse IgG
Source	Normal mouse serum

Applications

Quality tested applications include –

FC ⁷⁻¹⁰
ELISA ¹⁻⁶
FLISA

Other referenced applications include –

IHC-PS ¹¹
ICC ¹²
WB ^{13,14}
IP ^{15,16}
ChIP ^{17,18}
Block ^{19,20}
In vitro control ²²⁻²⁵
In vivo control ^{2,9,21}

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1 µg/10 ⁶ cells
	PE, PE/TXRD, APC, SPRD, PE/CY7, APC/CY5.5, and APC/CY7 conjugates	≤ 0.1 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
ELISA	AP conjugate	1:500 – 1:5,000
	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) IgG is supplied as 10 mg of purified immunoglobulin in 2.0 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/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing 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 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD), R-phycoerythrin-Cyanine 7 (PE/CY7), R-phycoerythrin-Texas Red® (PE/txRD), allophycocyanin-Cyanine 5.5 (APC/CY5.5), and allophycocyanin-Cyanine 7 (APC/CY7) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ 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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