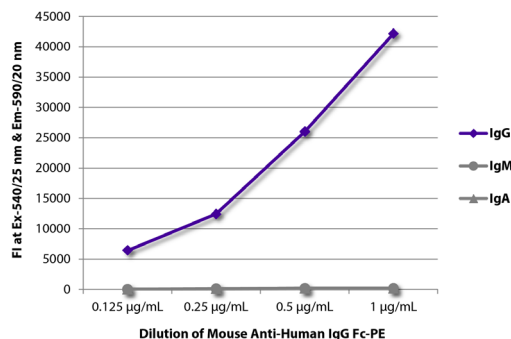




## Mouse Anti-Human IgG Fc

Cat. No.	Format	Size
9040-01	Purified (UNLB)	0.5 mg
9040-02	Fluorescein (FITC)	0.5 mg
9040-04	Alkaline Phosphatase (AP)	1.0 mL
9040-05	Horseradish Peroxidase (HRP)	1.0 mL
9040-08	Biotin (BIOT)	0.5 mg
9040-09	R-phycoerythrin (PE)	0.1 mg
9040-30	Alexa Fluor® 488 (AF488)	0.1 mg
9040-31	Alexa Fluor® 647 (AF647)	0.1 mg
9040-32	Alexa Fluor® 555 (AF555)	0.1 mg



FLISA plate was coated with purified human IgG, IgM, and IgA. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG Fc-PE (SB Cat. No. 9040-09).

### Overview

<b>Clone</b>	JDC-10
<b>Isotype</b>	Mouse IgG <sub>1κ</sub>
<b>Immunogen</b>	Purified human IgG <sub>1</sub> myeloma protein
<b>Specificity</b>	Human/Rhesus/Chimpanzee IgG Fc; Mr 150 kDa

### Applications

ELISA – Quality tested <sup>1-15,20</sup>  
 FLISA – Quality tested  
 FC – Quality tested <sup>18,19</sup>  
 IHC-PS – Reported in literature <sup>16</sup>  
 WB – Reported in literature <sup>17</sup>  
 Multiplex – Reported in literature <sup>20-22</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:1,000 – 1:4,000
	HRP conjugate	1:2,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000

<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE and AF647 conjugates	≤ 0.2 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	

**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 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 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) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 555, and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN<sub>3</sub>. Store at 2-8°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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TB9040  
30-Jul-20

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