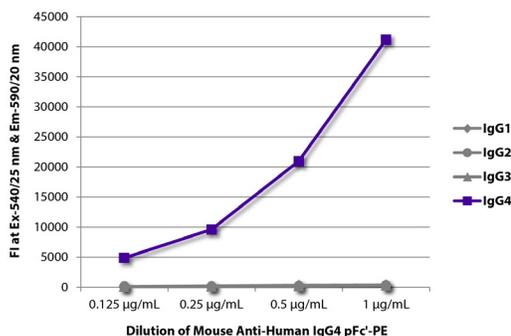




## Mouse Anti-Human IgG<sub>4</sub> pFc'

Cat. No.	Format	Size
9190-01	Purified (UNLB)	0.5 mg
9190-02	Fluorescein (FITC)	0.5 mg
9190-04	Alkaline Phosphatase (AP)	1.0 mL
9190-05	Horseradish Peroxidase (HRP)	1.0 mL
9190-08	Biotin (BIOT)	0.5 mg
9190-09	R-phycoerythrin (PE)	0.1 mg
9190-30	Alexa Fluor <sup>®</sup> 488 (AF488)	0.1 mg
9190-31	Alexa Fluor <sup>®</sup> 647 (AF647)	0.1 mg



FLISA plate was coated with purified human IgG<sub>1</sub>, IgG<sub>2</sub>, IgG<sub>3</sub>, and IgG<sub>4</sub>. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG<sub>4</sub> pFc'-PE (SB Cat. No. 9190-09).

### Overview

<b>Clone</b>	HP6023
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>3</sub> κ
<b>Immunogen</b>	Human IgG <sub>4</sub> myeloma protein
<b>Specificity</b>	Human IgG <sub>4</sub> pFc'; Mr 146 kDa

### Applications

ELISA – Quality tested<sup>2-9</sup>  
 FLISA – Quality tested  
 FC – Reported in literature<sup>12-14</sup>  
 IHC-FS – Reported in literature<sup>10</sup>  
 WB – Reported in literature<sup>11</sup>  
 IP – Reported in literature<sup>1</sup>  
 SPR – Reported in literature<sup>15</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:2,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000
<b>FLISA</b>	FITC and AF488 conjugates	1:200 – 1:400
	AF647 conjugate	≤ 2 µg/mL
	PE conjugate	≤ 1 µg/mL

**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 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 of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor<sup>®</sup> 488 (AF488) and Alexa Fluor<sup>®</sup> 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 (M)SDS.

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