Mouse Anti-Human IgG₄ pFc’

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

Overview

Clone: HP6023
Isotype: Mouse (BALB/c) IgG3κ
Immunogen: Human IgG₄ myeloma protein
Specificity: Human IgG₄ pFc’, Mr 146 kDa

Applications

ELISA – Quality tested
FLISA – Quality tested
FC – Reported in literature
IHC-FS – Reported in literature
WB – Reported in literature
IP – Reported in literature
SPR – Reported in literature

Working Dilutions

**ELISA**
- AP conjugate: 1:1,000 – 1:2,000
- HRP conjugate: 1:2,000 – 1:8,000
- BIOT conjugate: 1:5,000 – 1:10,000

**FLISA**
- 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.

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Email: info@southernbiotech.com • Website: www.southernbiotech.com
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/NaN₃. 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 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 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/NaN₃. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is 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 Alexa Fluor® 488 (AF488) and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. 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.

References