Mouse Anti-Human IgG₂ Fd

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9080-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
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<tr>
<td>9080-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
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<tr>
<td>9080-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>9080-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
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<tr>
<td>9080-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9080-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9080-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.1 mg</td>
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<tr>
<td>9080-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9080-30</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: HP6014
Isotype: Mouse (BALB/c) IgG₁κ
Immunogen: Human IgG₂ myeloma protein
Specificity: Human IgG₂ Fd, Mr 146 kDa

Applications

- ELISA: Quality tested
- FLISA: Quality tested
- FC: Reported in literature
- IHC-FS: Reported in literature
- IHC-PS: Reported in literature
- WB: Reported in literature
- IP: Reported in literature
- Purification: Reported in literature
- Depletion: Reported in literature

Working Dilutions

- **ELISA**
  - AP conjugate: 1:500 – 1:1,000
  - HRP conjugate: 1:1,000 – 1:2,000
  - BIOT conjugate: 1:5,000 – 1:10,000

- **FLISA**
  - FITC and AF488 conjugates: 1:200 – 1:400
  - PE and AF647 conjugates: ≤ 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.
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/NaNO₂. 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 NaNO₂ 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/NaNO₂. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaNO₂ 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/NaNO₂. 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