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>
</tr>
<tr>
<td>9080-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<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>
</tr>
<tr>
<td>9080-31</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 tested²⁻¹²
FLISA – Quality tested
FC – Reported in literature¹⁹
IHC-FS – Reported in literature¹³⁻¹⁵
IHC-PS – Reported in literature¹²,¹⁶,¹⁷
WB – Reported in literature¹³,¹⁸,¹⁹
IP – Reported in literature¹
Depletion – Reported in literature¹⁹

Working Dilutions

<table>
<thead>
<tr>
<th>Application</th>
<th>Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>AP conjugate</td>
</tr>
<tr>
<td></td>
<td>HRP conjugate</td>
</tr>
<tr>
<td></td>
<td>BIOT conjugate</td>
</tr>
<tr>
<td>FLISA</td>
<td>FITC and AF488 conjugates</td>
</tr>
<tr>
<td></td>
<td>PE and AF647 conjugates</td>
</tr>
</tbody>
</table>

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/NaNO₃. 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 NaNO₃ 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/NaNO₃. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaNO₃ 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/NaNO₃. 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