Mouse Anti-Human IgG₂ Fc

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9060-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9060-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9060-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9060-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9060-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9060-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: 31-7-4
Isotype: Mouse (BALB/c) IgG₁κ
Immunogen: Human IgG₂ myeloma protein
Specificity: Human IgG₂ Fc, Mr 146 kDa

Applications

ELISA – Quality tested²⁻¹²
FLISA – Quality tested
ELISPOT – Reported in literature ¹³
FC – Reported in literature ¹⁵⁻¹⁷
ICC – Reported in literature ¹
WB – Reported in literature ⁶⁻¹⁴
Multiplex – Reported in literature ⁷⁻¹⁸⁻²²

Note – For direct immunostaining of IgG₂ positive cells in flow cytometry applications, clone HP6002 (SB Cat. No. 9070) is recommended

Working Dilutions

<table>
<thead>
<tr>
<th></th>
<th>ELISA</th>
<th>FLISA</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP conjugate</td>
<td>1:500 – 1:1,000</td>
<td>1:100 – 1:400</td>
</tr>
<tr>
<td>HRP conjugate</td>
<td>1:2,000 – 1:8,000</td>
<td>≤ 1 µg/mL</td>
</tr>
<tr>
<td>BIOT conjugate</td>
<td>1:5,000 – 1:20,000</td>
<td></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/NaN3. 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 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 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/NaN3. Store at 2-8°C.

- The R-phycocerythin (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!

- 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.

References


