Mouse Anti-Human IgA$_1$

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9130-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9130-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9130-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9130-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9130-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9130-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9130-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9130-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: B3506B4
Isotype: Mouse IgG$_1$
Immunogen: Fc fragment of human IgA$_1$ myeloma protein
Specificity: Human IgA$_1$, Fc; Mr 170 kDa

Applications

ELISA – Quality tested
FLISA – Quality tested
ELISPOT – Reported in literature
FC – Reported in literature
IHC-FS – Reported in literature
ICC – Reported in literature
WB – Reported in literature
Multiplex – Reported in literature
Sep – Reported in literature
Depletion – Reported in literature

Working Dilutions

<table>
<thead>
<tr>
<th>ELISA</th>
<th>AP conjugate</th>
<th>1:1,000 – 1:4,000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRP conjugate</td>
<td>1:1,000 – 1:4,000</td>
</tr>
<tr>
<td></td>
<td>BIOT conjugate</td>
<td>1:5,000 – 1:10,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FLISA</th>
<th>FITC and AF488 conjugates</th>
<th>1:200 – 1:400</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PE and AF647 conjugates</td>
<td>≤ 1 µg/mL</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 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

3. Camacho MT, Outschoorn I, Kovácová E, Telléz A. Distribution of immunoglobulin G (IgG) and A (IgA) subclasses following Q fever vaccination with soluble phase I Coxiella burnetii extract. Vaccine. 2000;18:1773-7. (ELISA)