Goat Anti-Mouse IgG₁, Human ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1070-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1070-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1070-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1070-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>1070-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1070-07</td>
<td>Texas Red® (TXRD)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1070-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1070-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1070-09S</td>
<td>R-phycocerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1070-11L</td>
<td>Allophycocyanin (APC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1070-11S</td>
<td>Allophycocyanin (APC)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1070-15</td>
<td>Cyanine 5 (CY5)</td>
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<tr>
<td>1070-19</td>
<td>Allophycocyanin-Cyanine 7 (APC/CY7)</td>
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<tr>
<td>1070-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
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<td>1070-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
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<tr>
<td>1070-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
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</tbody>
</table>

Description

**Specificity**
Reacts with the heavy chain of mouse IgG₁

**Source**
Pooled antisera from goats hyperimmunized with mouse IgG₁

**Cross Adsorption**
Mouse IgG₂a, IgG₂b, IgG₃, IgM, and IgA; human immunoglobulins and pooled sera; may react with immunoglobulins from other species

**Purification**
Affinity chromatography on mouse IgG₁ covalently linked to agarose

Applications

Quality tested applications include –
- ELISA
- FLISA
- FC

Other referenced applications include –
- ELISPOT
- IHC-FS
- IHC-PS
- IHC-WM
- ICC
- EM
- WB
- Multiplex
- SPR

Working Dilutions

**ELISA**
- AP conjugate: 1:2,000 – 1:4,000
- HRP conjugate: 1:4,000 – 1:8,000
- BIOT conjugate: 1:5,000 – 1:20,000

**FLISA**
- FITC, TRITC, TXRD, AF488, and AF555 conjugates: 1:100 – 1:400
- PE, APC, CY5, and AF647 conjugates: ≤ 1 µg/mL

**Flow Cytometry**
- FITC, BIOT, and AF488 conjugates: ≤ 1 µg/10⁶ cells
- PE, APC, CY5, APC/CY7, and AF647 conjugates: ≤ 0.1 µg/10⁶ cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL

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.
Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg 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), rhodamine (TRITC), Texas Red® (TXRD), Cyanine 5 (CY5), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/Na3. 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 Na3 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 1.0 mg in 2.0 mL of PBS/Na3. Store at 2-8°C.
- The R-phycocerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/Na3 and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The allophycocyanin-Cyanine 7 (APC/CY7) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/Na3 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


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