Goat Anti-Rabbit IgG

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4030-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>4030-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>4030-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>4030-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>4030-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>4030-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>4030-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4030-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>4030-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>4030-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
</tr>
</tbody>
</table>

**Description**

- **Specificity**: Reacts with the heavy chain of rabbit IgG
- **Source**: Pooled antisera from goats hyperimmunized with rabbit IgG
- **Cross Adsorption**: Rabbit IgM; may react with immunoglobulins from other species
- **Purification**: Affinity chromatography on pooled rabbit IgG covalently linked to agarose

**Applications**

Quality tested applications include –
- ELISA
- FLISA

Other referenced applications include –
- FC
- IHC-FS
- IHC-PS
- ICC
- WB
- WB

**Working Dilutions**

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

- **FLISA**
  - FITC, TRITC, AF488, and AF555 conjugates
  - PE and AF647 conjugates
  - Working Dilutions: 1:100 – 1:400
  - ≤ 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 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. Do not preserve or amine-containing buffer salts added. Store at 2-8°C.
- The fluorescein (FITC) and rhodamine (TRITC) conjugates are supplied as 1.0 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 1.0 mg in 2.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.5 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), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 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


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