Sheep Anti-FITC

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6400-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6400-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>6400-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6400-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6400-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

Description

Specificity  Reacts with fluorescein isothiocyanate (FITC)
Source       Pooled antisera from sheep hyperimmunized with fluorescein isothiocyanate (Isomer I)
Cross Adsorption None; may react with other fluorescein derivatives
Purification Affinity chromatography on FITC covalently linked to agarose

Applications

Quality tested applications include –
ELISA 1,2
FLISA
FC 3
Other referenced applications include –
IHC-FS 4-6

Working Dilutions

<table>
<thead>
<tr>
<th>Method</th>
<th>AP conjugate</th>
<th>HRP conjugate</th>
<th>BIOT conjugate</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>1:2,000 – 1:4,000</td>
<td>1:4,000 – 1:8,000</td>
<td>1:5,000 – 1:20,000</td>
</tr>
<tr>
<td>FLISA</td>
<td></td>
<td></td>
<td>≤ 1 μg/mL</td>
</tr>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td>≤ 0.1 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 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 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 1.0 mg in 2.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycoerythrin (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!**
- 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