Goat F(ab’)2 Anti-Human Lambda

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2072-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>2072-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>2072-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>2072-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>2072-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>2072-31</td>
<td>Alexa Fluor 647™ (AF647)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

Description

**Specificity**
Reacts with human \( \lambda \) light chains

**Source**
Pepsin digest of Goat Anti-Human Lambda (SB Cat. No. 2070)

**Cross Adsorption**
Human \( \kappa \) light chains; may react with \( \lambda \) light chains from other species

Applications

Quality tested applications include –
- ELISA
- FLISA
- FC \(^{2,3}\)

Other referenced applications include –
- WB \(^1\)
- Stim \(^4\)

Working Dilutions

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

**FLISA**
- FITC conjugate: 1:200 – 1:400
- PE and AF647 conjugates: \( \leq 1 \, \mu g/mL \)

**Flow Cytometry**
- FITC and BIOT conjugates: \( \leq 1 \, \mu g/10^6 \) cells
- PE and AF647 conjugates: \( \leq 0.1 \, \mu g/10^6 \) cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 \( \mu L \)

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 0.5 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) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°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-phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Alexa Fluor® 647 (AF647) conjugate is supplied as 0.5 mg in 1.0 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


Alexa Fluor® 488, 647, and 555 are provided under an Intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com.