Mouse Anti-Human IgE Fc

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9160-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9160-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9160-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9160-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9160-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9160-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9160-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

**Overview**

Clone: B3102E8  
Isotype: Mouse IgG₁κ  
Immunogen: Unknown  
Specificity: Human IgE Fc; Mr 188 kDa

**Applications**

ELISA – Quality tested ¹-³  
FLISA – Quality tested  
FC – Reported in literature ¹⁶  
IHC-FS – Reported in literature ⁴-¹³  
ICC – Reported in literature ¹²  
WB – Reported in literature ²,³,¹²,¹⁴,¹⁵

**Working Dilutions**

<table>
<thead>
<tr>
<th>ELISA</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>AP conjugate</td>
<td>1:500 – 1:1,000</td>
<td></td>
</tr>
<tr>
<td>HRP conjugate</td>
<td>1:1,000 – 1:2,000</td>
<td></td>
</tr>
<tr>
<td>BIOT conjugate</td>
<td>1:5,000 – 1:10,000</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FLISA</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FITC and AF555 conjugates</td>
<td>1:100 – 1:400</td>
<td></td>
</tr>
<tr>
<td>AF647 conjugate</td>
<td>≤ 1 µg/mL</td>
<td></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/NaNO₂. 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 NaNO₂ 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 0.5 mg in 1.0 mL of PBS/NaNO₂. Store at 2-8°C.
- The Alexa Fluor® 555 (AF555) and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaNO₂. 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 SDS.

References


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