Mouse Anti-Porcine CD3ε

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4511-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4511-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4511-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4511-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: BB23-8E6  
Isotype: Mouse IgG2bκ  
Immunogen: Unknown  
Specificity: Porcine CD3ε; Mr 24 kDa  
Alternate Name(s): N/A

Description

Porcine CD3ε is a member of the T-cell receptor-associated CD3 complex. It is found on a subpopulation of thymocytes and on all pig T lymphocytes.

Applications

FC – Quality tested 5-14  
IHC-FS – Reported in literature 1-3  
IP – Reported in literature 4

Working Dilutions

Flow Cytometry

<table>
<thead>
<tr>
<th>Format</th>
<th>Dilution</th>
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</thead>
<tbody>
<tr>
<td>FITC conjugate</td>
<td>≤ 3 μg/10⁶ cells</td>
</tr>
<tr>
<td>BIOT conjugate</td>
<td>≤ 1 μg/10⁶ cells</td>
</tr>
<tr>
<td>PE conjugate</td>
<td>≤ 0.2 μg/10⁶ cells</td>
</tr>
</tbody>
</table>

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.
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/NaNO₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₅ 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