Mouse Anti-Feline CD5

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8100-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8100-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8100-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8100-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
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</tbody>
</table>

Overview

Clone  
f43
Isotype  
Mouse IgG1κ
Immunogen  
Feline T cells
Specificity  
Feline/Lion CD5, Mr 72 kDa
Alternate Name(s)  
fCD5, Pan T cell

Description

Feline CD5, a member of the scavenger receptor family of cell surface receptors, is a type I transmembrane glycoprotein that is expressed on most thymocytes and mature T lymphocytes. CD5 is thought to function in both cell-cell recognition and signal transduction. The monoclonal antibody f43 is useful as a pan T cell marker.

Applications

FC – Quality tested 
IHC-FS – Reported in literature
IP – Reported in literature
ELISA – Reported in literature

Working Dilutions

Flow Cytometry
- FITC and BIOT conjugates: ≤ 1 μg/10^6 cells
- PE conjugate: ≤ 0.2 μg/10^6 cells

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/NaN₃. Store at 2-8°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 0.1 mg in 1.0 mL of PBS/NaN₃ 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 (M)SDS.

References