Technical Data Sheet

Purified Mouse Anti-Human CD72

Product Information

Material Number: 555917
Size: 0.1 mg
Concentration: 0.5 mg/ml
Clone: J4-117
Isotype: Mouse IgG2b, κ
Reactivity: QC Testing: Human
Workshop: NA
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Reacts with a 39-43 kDa type II integral membrane protein expressed on B cells from early precursor stages through mature B cells. CD72 is not expressed on plasma cells. CD72 has been reported to bind to CD5, a glycoprotein expressed on all mature T cells and a subpopulation of B cells, suggesting a role in regulating T- and B-cell activation and proliferation.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. Store undiluted at 4° C.

Application Notes

Application

Flow cytometry Routinely Tested

Suggested Companion Products

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
<th>Clone</th>
</tr>
</thead>
<tbody>
<tr>
<td>555740</td>
<td>Purified Mouse IgG2b κ Isotype Control</td>
<td>0.1 mg</td>
<td>27-35</td>
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<tr>
<td>555988</td>
<td>FITC Goat Anti-Mouse IgG/IgM</td>
<td>0.5 mg</td>
<td>Polyclonal</td>
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</tbody>
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Intensity Profile of peripheral blood lymphocytes analyzed on a FACScan (BDIS, San Jose, CA).
Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References
