Purified Mouse anti-Human CD45 (LCA) Monoclonal Antibody

<table>
<thead>
<tr>
<th>Catalogue#</th>
<th>Format</th>
<th>Size</th>
<th>Concentration</th>
<th>Isotype Control</th>
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</thead>
<tbody>
<tr>
<td>CLX48AP</td>
<td>Purified</td>
<td>100 µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
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<td>CLX48APC</td>
<td>APC</td>
<td>100 Tests</td>
<td>100 Tests</td>
<td>CLCMG105</td>
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<td>Biotin</td>
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<td>1.0 mg/ml</td>
<td>CLCMG115</td>
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<td>CLX48F</td>
<td>FITC</td>
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<tr>
<td>CLX48PE</td>
<td>PE</td>
<td>100 Tests</td>
<td>100 Tests</td>
<td>CLCMG104</td>
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</table>

**Isotype:** Mouse IgG\(_1\)

**DESCRIPTION:**

The antibody MEM-28 reacts with all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.

**PRESENTATION:**

- **Purified:** Purified IgG buffered in PBS and 15mM Na\(_2\)N\(_3\), approx. pH 7.4 (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
- **Biotin, FITC, APC and PE:** Biotin/FITC/APC/PE conjugated IgG buffered in PBS, 15mM Na\(_2\)N\(_3\).
- **FITC, APC and PE:** 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent.

**STORAGE/STABILITY:**

For all formats, store at 4°C. DO NOT FREEZE APC and PE conjugates. For long term storage (**Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

**APPLICATION:**

This antibody is suitable for use in Immunohistochemistry, Western Blotting and Flow Cytometry.
SPECIFICATIONS:

Clone: MEM-28

Hybridoma Production:

Immunogen: Human thymocytes and T lymphocytes.

Specificity: This antibody is specific for human CD45 (LCA)

N.B. Appropriate control samples should always be included in any labeling studies.

* For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.

REFERENCES:


LABORATORY REAGENT FOR RESEARCH USE ONLY