Anti-Mouse IL-3 Antibody

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Form</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>76-MIL3-PU-0.5</td>
<td>Purified (UNLB) Antibody</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

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For Research Use Only. Not for Diagnostic or Therapeutic Use.

26G Keewaydin Drive • Salem, NH 03079
Phone: (800) 592-5726 • Fax: (603) 898-6854
www.alpco.com • Email: ts@alpco.com
Rat Anti-Mouse IL-3

DESCRIPTION

CLONE MP2-8F8
IMMUNOGEN COS-expressed recombinant mouse IL-3
ISOTYPE Rat IgG\textsubscript{1}\kappa
SPECIFICITY Mouse Interleukin-3 (IL-3)\textsuperscript{1-3} (This is a neutralizing antibody.)

RESEARCH APPLICATIONS

ELISA Capture: MP2-8F8 monoclonal antibody is useful as a capture antibody in a sandwich ELISA for quantifying mouse IL-3 protein levels.\textsuperscript{1-5} Purified MP2-8F8 antibody should be paired with biotinylated MP2-43D11 antibody as the detection antibody, with purified recombinant mouse IL-3 as the standard.

Immunofluorescence/Flow Cytometry: MP2-8F8 antibody is useful for intracytoplasmic staining and flow cytometric analysis to identify and enumerate IL-3-positive cells within mixed cell populations. Recombinant mouse IL-3, unlabeled MP2-8F8, or Rat IgG\textsubscript{1} should be used as a specificity control.

Since applications vary, each investigator should determine the optimal concentration appropriate for individual applications.

CHARACTERIZATION

To ensure acceptable performance, each batch of product is tested in a sandwich ELISA to conform to characteristics of a standard reference reagent.

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HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg 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.
- Protect conjugated forms from light. Each reagent is stable for the period shown on the bottle label if stored as directed.

REFERENCES