



## CELL LAB Rat Anti-Mouse IL-3

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731813	Purified (UNLB) Antibody	0.5 mg

### For Laboratory Use Only

#### DESCRIPTION

**Clone:** MP2-8F8  
**Immunogen:** COS-expressed recombinant mouse IL-3  
**Isotype:** Rat IgG1 $\kappa$   
**Specificity:** Mouse Interleukin-3 (IL-3)<sup>1-3</sup> (This is a neutralizing antibody).

#### APPLICATIONS

**Enzyme-Linked Immunosorbent Assay (ELISA) Detection:** MP2-8F8 monoclonal antibody is useful as a capture antibody in a sandwich ELISA for quantifying mouse IL-3 protein levels.<sup>1-5</sup> Purified MP2-8F8 antibody should be paired with biotinylated MP2-43D11 antibody (Cat. No. 731815) 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 (Cat. No. 731813), or Rat IgG1 (Cat. No. 731656) should be used as a specificity control.

#### CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using a sandwich ELISA.

#### WORKING DILUTIONS

**Other Applications:** Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

#### HANDLING AND STORAGE

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

#### STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Avoid microbial contamination of reagent or erroneous results may occur.
5. Use Good Laboratory Practice (GLP) when handling this reagent.

## TRADEMARKS

The Beckman Coulter logo is a trademark of Beckman Coulter, Inc.

For additional information or if damaged product is received, contact your local Beckman Coulter Representative.

## REFERENCES

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4. Sander B, Hoiden I, Andersson U, Moller E, and Abrams J. 1993. Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. *J Immunol Meth*, 166:201-214.
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