

# Monoclonal Antibody Anti-Mouse Macrophages-FITC

PN IM2898 – Liquid 1 mL – 100 tests – Clone MOMA-2

For Research Use Only. Not for use in diagnostic procedures.

## SPECIFICITY

The monoclonal antibody MOMA-2 recognizes an intracellular antigen of mouse macrophages and monocytes. In lymphoid organs, it reacts strongly with macrophages, especially with tingible body macrophages (TBM) located in close proximity to antigen-retaining follicular dendritic cells (FDC) in the microenvironment of germinal centers, and with macrophages in T cell dependent areas (1).

## REAGENT

Conjugated Monoclonal Antibody Anti-Mouse Macrophages-FITC  
PN IM2898 – Liquid 1 mL – 100 tests

**Clone** MOMA-2

**Isotype** IgG2b

**Species** Rat

**Purification** Purified IgG

**Conjugation** Fluorescein isothiocyanate (FITC) is conjugated at 3 - 5 moles of FITC per mole of IgG.

Excitation wavelength: 488 nm

Max. emission wavelength: 525 nm

Main emission color: Green

## REAGENT CONTENTS

This antibody is supplied in liquid form, containing 0.1% sodium azide and bovine serum albumin.

## STATEMENT OF WARNINGS

1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields

hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.

2. 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.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use reagent beyond the expiration date on the vial label.
5. Avoid microbial contamination of reagent or erroneous results may occur.
6. Use general good laboratory practices when handling this reagent.

## STORAGE CONDITIONS AND STABILITY

This reagent is stable up to the expiration date on the vial label when stored at 2 – 8°C. Minimize exposure to light and warmth.

## REAGENT PREPARATION

No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 20 - 25 °C prior to use.

## PROCEDURE

Flow Cytometry: 10 µL is the usual amount of reagent required for 1 x 10<sup>6</sup> cells or 100 µL of whole blood. It is recommended to establish the right range of antibody dilutions to be used for the experiment.

## SELECTED RESEARCH REFERENCES

1. Kraal, G., Rep, M., Janse, M., "Macrophages in T and B cell compartments and other tissue macrophages recognized by monoclonal antibody MOMA-2", 1987, Scand. J. Immunol., 26, 653-661.

For additional information in the USA, call 800-526-7694.

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