

**PN IM3040**

Isotype Control

**RAT IgG1 - FITC**

<b>Form</b>	FITC	<b>Clone</b>	LODNP1
<b>Quantity</b>	100t	<b>Isotype</b>	IgG1
<b>Presentation</b>	Liquid 1mL	<b>Species</b>	rat
<b>Purity</b>	Purified IgG		

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

**SPECIFICITY**

This rat IgG1 has an irrelevant specificity. It induces nonspecific immunolabeling on hematopoietic cells and therefore constitutes an isotype control.

**BUFFER**

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

**STORAGE CONDITIONS AND STABILITY**

Each reagent is stable up to the expiration date when stored at 2-8 °C. Avoid repeated freezing and thawing. Minimize exposure to light and warmth.

**CONJUGATION**

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

Excitation wavelength: 488 nm

Maximum emission wavelength: 525 nm

Main emission color: Green

**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: 10µL is the maximum amount of reagent required for 1 x 10<sup>6</sup> cells.

It is recommended that the customer determine the optimum amount of antibody for each application.

**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. Never pipet by mouth.

3. Do not use antibody beyond the expiration date on the label.

4. Do not expose reagents to strong light during storage or incubation.

5. Avoid microbial contamination of reagents or incorrect results might occur.

**OTHER CONJUGATES AVAILABLE**

IgG1 (IM3039)

IgG1 - PE (IM3041)

IgG1 - BIOTIN (IM3042)

