

PN IM3042

Isotype Control

RAT IgG1 - Biotin

Form	Biotin	Clone	LODNP1
Quantity	100t	Isotype	IgG1
Presentation	Liquid 1mL	Species	rat
Purity	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.

OTHER CONJUGATES AVAILABLE

- IgG1 (IM3039)
- IgG1 - FITC (IM3040)
- IgG1 - PE (IM3041)

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

The purified Ig is conjugated to Biotin. Biotinylated antibodies require streptavidin (or egg-white avidin) conjugated with a probe as an additional step.

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

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