

For Research Use Only

# Mouse IgM Isotype Control (MOPC-104E)

Catalog Number: 65243-1-Ig



## Basic Information

Catalog Number:

65243-1-Ig

Size:

500ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgM, lambda

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Affinity purification

CloneNo.:

MOPC-104E

## Applications

Tested Applications:

FC

Species Specificity:

n/a

## Background Information

The MOPC-104E immunoglobulin is useful as an isotype-matched control for mouse IgM antibodies. B13555 dextran, nigerosyl-alpha (1-3)-nigerose, and nigerosyl-alpha (1-3)-glucose have abilities to bind to MOPC 104E immunoglobulin (PMID: 6165777). This antibody has been quality-tested for flow cytometry as negative control.

## Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

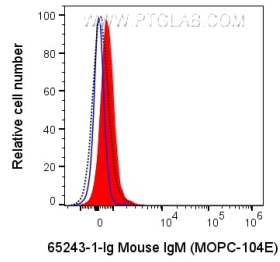
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## Selected Validation Data



Human whole blood was treated with ACK lysis buffer then  $1 \times 10^6$  cells were surface stained with 0.2  $\mu$ g Mouse IgM Isotype Control (MOPC-104E) (65243-1-Ig) and CoraLite®647-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8) (red), or CoraLite®647-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8) alone (black dashed), or unstained (blue). Cells were not fixed. Lymphocytes were gated.