For Research Use Only

Mouse IgM Isotype Control (MOPC-104E)

Catalog Number:65243-1-Ig

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Basic Information

Catalog Number:
65243-1-Ig

Concentration:
500ug, 0.5 mg/mL

Source:
Mouse

Isotype:
IgM, lambda

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:
Affinity purification

CloneNo.:
MOPC-104E

Recommended Dilutions:
FC: 0.2 ug per 1x10^6 cells in 100 ul suspension

Applications

Tested Applications:
FC

Species Specificity:
n/a

Positive Controls:

FC : ,

Background Information

The MOPC-104E immunoglobulin is useful as an isotype-matched control for mouse IgM antibodies. B1355S 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.

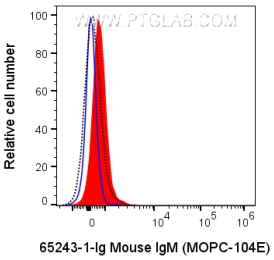
Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human whole blood was treated with ACK lysis buffer then 1x10^6 cells were surface stained with 0.2 ug Mouse IgM Isotype Control (MOPC-104E) (65243-1-Ig) and CoraLite®647-conjugated AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8) (red), or CoraLite®647-conjugated AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8) alone (black dashed), or unstained (blue). Cells were not fixed. Lymphocytes were gated.