

For Research Use Only

# Atlantic Blue™ Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number: AB-65124



## Basic Information

Catalog Number:

AB-65124

Concentration:

100ug, 0.2 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

GeneID (NCBI):

16017

UNIPROT ID:

P01868

Full Name:

immunoglobulin heavy constant gamma 1 (G1m marker)

Purification Method:

Affinity purification

CloneNo.:

MOPC-21

Recommended Dilutions:

FC: 0.2 ug per 10<sup>6</sup> cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

404 nm / 458 nm

## Applications

Tested Applications:

FC

Species Specificity:

n/a

Positive Controls:

FC : ,

## Background Information

The MOPC-21 immunoglobulin is useful as an isotype-matched control. The MOPC-21 immunoglobulin has an unknown binding specificity and is used as an isotype control for mouse IgG1 antibodies. This antibody has been quality-tested for flow cytometry as negative control.

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

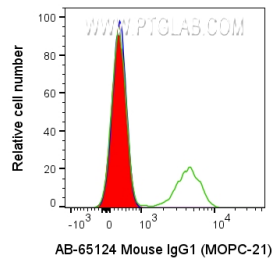
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Atlantic Blue™ Anti-Mouse IgG1 Isotype Control (AB-65124, Clone:MOPC-21) (red), unstained (blue), or Atlantic Blue™ Anti-Human CD3 (UCHT1) (green). Cells were not fixed. Lymphocytes were gated.