

For Research Use Only

# APC Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number: APC-65124

2 Publications



## Basic Information

Catalog Number:

APC-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  $\mu$  l suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Cited 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jie Wang	35074109	Carbohydr Polym	FC
Wenjing Li	34933092	Cell Signal	FC

## 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:

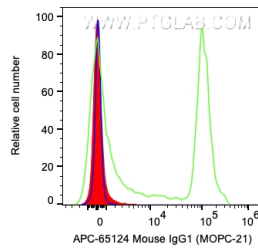
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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug APC Anti-Mouse IgG1 Isotype Control (APC-65124, Clone:MOPC-21) (red), APC Anti-Human CD4 (green), or unstained (blue). Cells were not fixed. Lymphocytes were gated.