For Research Use Only

PE Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number:PE-65124 1 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
PE-65124

Concentration:
100ug, 200 ug/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 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 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.

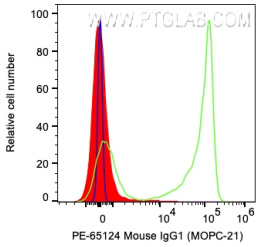
Notable Publications

Author	Pubmed ID	Journal	Application
Chengcan Yang	37769871	J Endod	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

Selected Validation Data



1X10^6 human PBMCs were surface stained with 0.2 ug PE Anti-Mouse IgG1 Isotype Control (PE-65124, Clone:MOPC-21) (red), PE Anti-Human CD27 (green), or unstained (blue). Cells were not fixed. Lymphocytes were gated.