For Research Use Only

FITC Plus Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number:FITC-65124 2 Publications

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Basic Information

Catalog Number:
FITC-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 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
495 nm / 524 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.

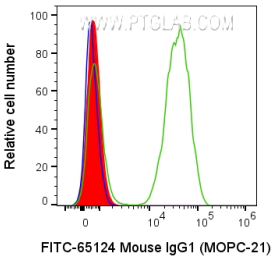
Notable Publications

Author	Pubmed ID	Journal	Application
Xuenian Chen	40082064	ACS Nano	
Wensi Wu	39236457	Int Immunopharmacol	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 FITC Plus Mouse IgG1 Isotype Control (FITC-65124, Clone: MOPC-21) (red), or FITC Plus Anti-Human CD3 (FITC-65151, Clone: UCHT1) (green), or unstained (blue). Cells were not fixed. Lymphocytes were gated.