

For Research Use Only

Mouse IgG1 Isotype Control (MOPC-21)

Catalog Number: 65124-1-Ig



Basic Information

Catalog Number: 65124-1-Ig	GenBank Accession Number: GeneID (NCBI): 16017	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	UNIPROT ID: P01868	CloneNo.: MOPC-21
Source: Mouse	Full Name: immunoglobulin heavy constant gamma 1 (G1m marker)	
Isotype: IgG1, kappa		

Applications

Tested Applications:
FC

Species Specificity:
n/a

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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

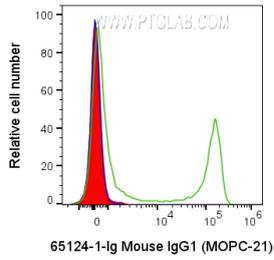
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.2 µg Anti-Mouse IgG1 Isotype Control (65124-1-Ig, Clone:MOPC-21) (red) or 0.2 µg Anti-Human CD8a (65113-1-Ig, Clone:Hit8a) (green) and CoraLite®647-conjugated AffiniPure F(ab')₂ Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8) at dilution 1:1000 or unstained (blue). Cells were not fixed. Lymphocytes were gated.