

For Research Use Only

Mouse IgG2a Isotype Control (C1.18.4)

Catalog Number: 65208-1-Ig **3 Publications**



Basic Information

Catalog Number:

65208-1-Ig

Concentration:

500ug, 0.5 mg/mL

Source:

Mouse

Isotype:

IgG2a, kappa

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Affinity purification

CloneNo.:

C1.18.4

Recommended Dilutions:

FC: 0.2 ug per 10⁶ cells in 100 μ l suspension

Applications

Tested Applications:

FC

Cited Applications:

IP, ColP

Species Specificity:

Positive Controls:

FC : human PBMCs,

Background Information

The C1.18.4 immunoglobulin is useful as an isotype-matched control. The C1.18.4 immunoglobulin has an unknown binding specificity and is used as an isotype control for mouse IgG2a antibodies. This antibody has been quality-tested for flow cytometry as negative control.

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Xie	39138434	Mol Med	ColP
Naoto Nomura	39756965	J Nutr Sci Vitaminol (Tokyo)	
Hirotsu Imai	37378452	Nucleic Acids Res	IP

Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

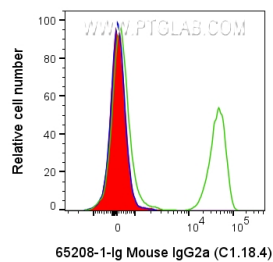
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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Mouse IgG2a Isotype Control (65208-1-Ig, Clone:C1.18.4) and CoraLite®647-Conjugated Donkey Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or Anti-Human CD3 (Hit3a) and CoraLite®647-Conjugated Donkey Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or unstained (blue). Cells were not fixed. Lymphocytes were gated.