

For Research Use Only

Mouse IgG2a, κ Isotype Control Recombinant Antibody

Catalog Number: 98599-1-MR



Basic Information

Catalog Number:

98599-1-MR

Concentration:

100ug, 1000 μ g/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

252252A1

Recommended Dilutions:

FC: 0.25 ug per 10^6 cells in a 100 μ l suspension

Applications

Tested Applications:

FC

Species Specificity:

n/a

Positive Controls:

FC : human PBMCs, THP-1 cells, HL-60 cells, mouse bone marrow cells

Background Information

This product is an isotype control antibody, which is used to estimate the non-specific binding of target primary antibodies due to Fc receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

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:

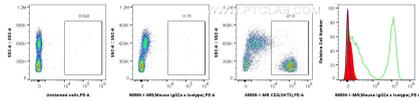
T: 4006900926

E: Proteintech-CN@ptglab.com

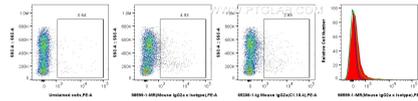
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were unstained (left, blue in histogram) or surface stained with 0.25 ug Mouse IgG2a, κ Isotype Control RecAb (98599-1-MR, Clone:252252A1) (middle, red in histogram) or 0.25 ug Anti-Human CD3 (OKT3) Mouse IgG2a Recombinant Antibody (65569-1-MR, Clone: OKT3) (right, green in histogram) and PE-conjugated Goat Anti-Mouse IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ mouse bone marrow cells were unstained (left, blue in histogram) or surface stained with 0.25 ug Mouse IgG2a, κ Isotype Control RecAb (98599-1-MR, Clone:252252A1) (middle, red in histogram) or 0.25 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (right, green in histogram) and PE-conjugated Goat Anti-Mouse IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.