For Research Use Only

Mouse IgG2b Isotype Control (MPC-11)

Catalog Number:65128-1-Ig 1 Publications

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Basic Information

Catalog Number:
65128-1-Ig

Concentration:
500ug, 0.5 mg/mL

Source:
Mouse

Isotype:
IgG2b, kappa

GenBank Accession Number:

GeneID (NCBI):
16016

UNIPROT ID:
P01867

Full Name:
immunoglobulin heavy chain 3 (serum IgG2b)

Purification Method:
Affinity purification

CloneNo.:
MPC-11

Recommended Dilutions:
FC: 0.2 ug per 10^6 cells in 100 ul suspension

Applications

Tested Applications:
FC

Species Specificity:
n/a

Positive Controls:

FC : human PBMCs,

Background Information

The MPC-11 immunoglobulin is useful as an isotype-matched control. The MPC-11 immunoglobulin has an unknown binding specificity and is used as an isotype control for mouse IgG2b antibodies. This antibody has been quality-tested for flow cytometry as negative control.

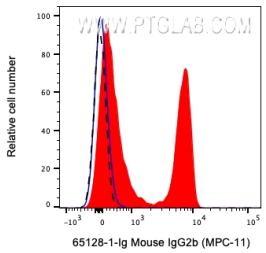
Notable Publications

Author	Pubmed ID	Journal	Application
Kaho Matsumoto	42028011	iScience	

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

Selected Validation Data



1X10^6 human PBMCs were surface stained with 0.2 ug Mouse IgG2b Isotype Control (65128-1-Ig, Clone:MPC-11) (blue), or Anti-Human CD4 (red) followed by CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained (black). Cells were not fixed. Lymphocytes were gated.