

For Research Use Only

# APC Mouse IgG2b Isotype Control (MPC-11)

Catalog Number: APC-65128

4 Publications



## Basic Information

Catalog Number:

APC-65128

Concentration:

100ug, 0.2 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<sup>6</sup> cells in 100 µL suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Cited 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 |
|--------------|-----------|--------------------|-------------|
| Yichao Lu    | 39811977  | Adv Mater          |             |
| Zitong Zhao  | 38881674  | MedComm (2020)     | FC          |
| Yuji Hayashi | 38520980  | Auris Nasus Larynx | 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

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

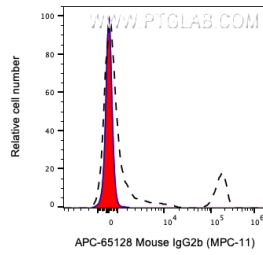
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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug APC Anti-Mouse IgG2b Isotype Control (APC-65128, Clone:MPC-11) (red), APC Anti-Human CD20 (black), or unstained (blue). Cells were not fixed. Lymphocytes were gated.