For Research Use Only

FITC Plus Mouse IgG2b Isotype Control (MPC-11)

Catalog Number:FITC-65128 1 Publications

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Basic Information

Catalog Number:
FITC-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 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Tested Applications:
FC

Cited Applications:
IF

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.

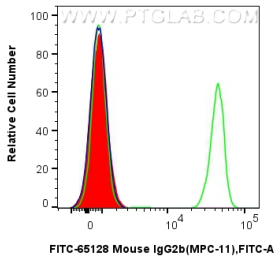
Notable Publications

Author	Pubmed ID	Journal	Application
Guoyun Bi	38749443	Cell Rep Methods	IF

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

Selected Validation Data



1x10^6 human PBMCs were surface stained with 0.2 ug FITC Plus Mouse IgG2b Isotype Control (MPC-11) (FITC-65128, Clone: MPC-11) (red) or 0.2 ug FITC Plus Anti-Human CD4 (OKT4) (FITC-65134, Clone: OKT4) (green), or unstained (blue). Cells were not fixed. Lymphocytes were gated.