

For Research Use Only

FITC Plus Rat IgG2a Isotype Control (2A3)

Catalog Number: FITC-65209

1 Publications



Basic Information

Catalog Number:

FITC-65209

Concentration:

100ug, 0.5 mg/mL

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Affinity purification

CloneNo.:

2A3

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

n/a

Positive Controls:

FC :,

Background Information

The 2A3 immunoglobulin is useful as an isotype-matched control. The 2A3 immunoglobulin binds to TNP (trinitrophenol), a hapten not expressed on mouse or human cells. It is used as an isotype control for rat IgG2a antibodies. This antibody has been quality-tested for flow cytometry as negative control.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------|-----------|---------------------|-------------|
| Wensi Wu | 39236457 | Int Immunopharmacol | 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, pH7.3

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

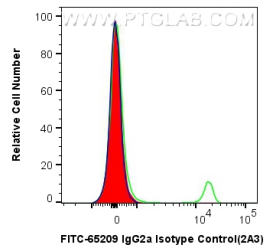
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.5 ug FITC Anti-Rat IgG2a Isotype Control (FITC-65209, Clone:2A3) (red), 0.5 ug FITC Plus Anti-Mouse CD4 (FITC-65141) (green), or unstained (blue). Cells were not fixed.