

For Research Use Only

# CoraLite® Plus 647 Mouse IgG2a, $\lambda$ Isotype Control Recombinant Antibody

Catalog Number: CL647-98600



## Basic Information

Catalog Number:

CL647-98600

Size:

100ug, 500 ug/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

252253A1

Recommended Dilutions:

FC: 0.25 ug per  $10^6$  cells in a 100  $\mu$ l suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC

Species Specificity:

n/a

Positive Controls:

FC : human PBMCs, rat splenocytes, THP-1 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

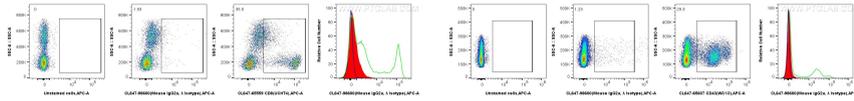
For technical support and original validation data for this product please contact:

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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were unstained (left, blue in histogram) or surface stained with 0.25 ug CoraLite® Plus 647 Mouse IgG2a, λ Isotype Control RecAb (CL647-98600, Clone:252253A1) (middle, red in histogram) or 0.25 ug CoraLite® Plus 647 Anti-Human CD8 (UCHT4) Mouse IgG2a Recombinant Antibody (CL647-65559, Clone: UCHT4) (right, green in histogram). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

1x10<sup>6</sup> rat splenocytes were unstained (left, blue in histogram) or surface stained with 0.25 ug CoraLite® Plus 647 Mouse IgG2a, λ Isotype Control RecAb (CL647-98600, Clone: 252253A1) (middle, red in histogram) or 0.25 ug CoraLite® Plus 647 Anti-Rat CD43 (W3/13) Mouse IgG2a Recombinant Antibody (CL647-65607, Clone: W3/13) (right, green in histogram). Cells were not fixed.