

For Research Use Only

# FcZero-rAb® Biotin Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98284



## Basic Information

Catalog Number:

Biotin-FcA98284

Size:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2609

GenBank Accession Number:

NM\_001310438.1

GeneID (NCBI):

546644

UNIPROT ID:

P35461

Full Name:

Lymphocyte antigen 6 complex, locus G

Calculated MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

242141B11

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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## Applications

Tested Applications:

FC, ELISA

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

## Background Information

Ly-6G (Lymphocyte antigen 6 complex, locus G), also known as Gr-1, is a 21-25 kDa, glycosylphosphatidylinositol-anchored protein expressed on myeloid lineage cells in mouse bone marrow (PMID: 8360469). The expression of Ly-6G increases on neutrophils as they differentiate from immature cells in the bone marrow to mature cells in the blood and spleen (PMID: 8890901). This antibody specifically recognizes Ly-6G, but not Ly-6C.

## 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

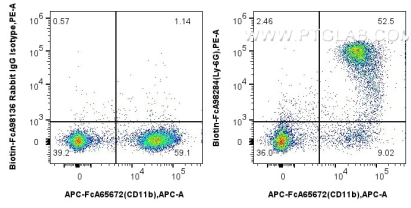
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

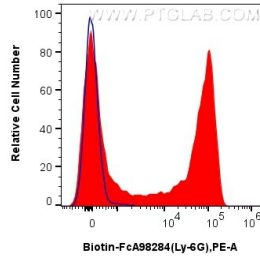
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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> mouse bone marrow cells were surface stained with FcZero-rAb™ APC Anti-Mouse CD11b, and 0.25 ug Biotin Anti-Mouse Ly-6G Rabbit RecAb (Biotin-FcA98284, Clone: 242141B11) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and PE-conjugated streptavidin. Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse Ly-6G Rabbit RecAb (Biotin-FcA98284, Clone: 242141B11) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and PE-conjugated streptavidin. Cells were not fixed.