

For Research Use Only

FcZero-rAb® APC-Cyanine7 Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number: AY7-FcA98284



Basic Information

Catalog Number:

AY7-FcA98284

Concentration:

100ug, 200 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 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 778 nm

Applications

Tested Applications:

FC

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 and 0.5% BSA, pH7.3

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

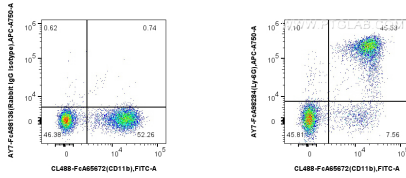
T: 4006900926

E: Proteintech-CN@ptglab.com

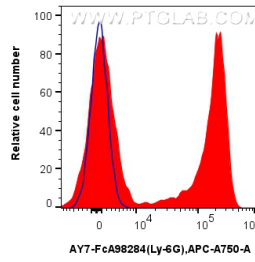
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD11b, and 0.25 ug APC-Cyanine7 Anti-Mouse Ly-6G Rabbit RecAb (AY7-FcA98284, Clone: 242141B11) or 0.25 ug FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Human/Mouse Fc blocking Reagent(PF00029) prior to staining. Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug APC-Cyanine7 Anti-Mouse Ly-6G Rabbit RecAb (AY7-FcA98284, Clone: 242141B11) (red) or 0.25 ug FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Human/Mouse Fc blocking Reagent(PF00029) prior to staining. Cells were not fixed.