

For Research Use Only

CoraLite®700 Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number: CL700-98284



Basic Information

Catalog Number:

CL700-98284

Concentration:

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 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

702 nm / 723 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).

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:

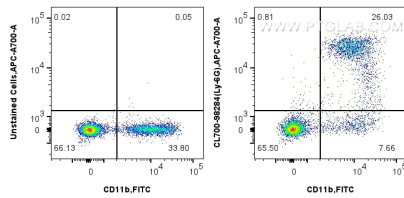
T: 4006900926

E: Proteintech-CN@ptglab.com

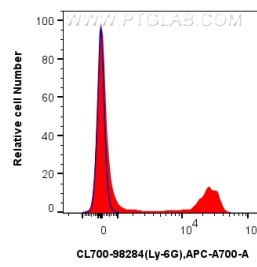
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FITC Plus Anti-Mouse CD11b (M1/70) (FITC-65055, Clone: M1/70), and 0.25 ug CoraLite®700 Anti-Mouse Ly-6G Rabbit RecAb (CL700-98284, Clone: 242141B11) or CoraLite®700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite®700 Anti-Mouse Ly-6G Rabbit RecAb (CL700-98284, Clone: 242141B11) (red) or CoraLite®700 Rabbit IgG Isotype Control Recombinant Antibody (CL700-98136, Clone: 240953C9) (blue). Cells were not fixed.