

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98284



Basic Information

Catalog Number: CL647-FcA98284	GenBank Accession Number: NM_001310438.1	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 546644	CloneNo.: 242141B11
Source: Rabbit	UNIPROT ID: P35461	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: lymphocyte antigen 6 complex, locus G	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG2609	Calculated MW: 14 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : mouse bone marrow cells,
Species Specificity: mouse	

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:

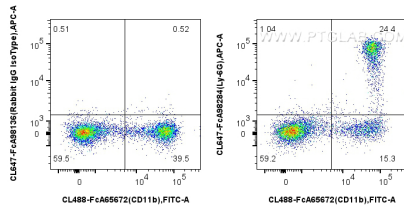
T: 4006900926

E: Proteintech-CN@ptglab.com

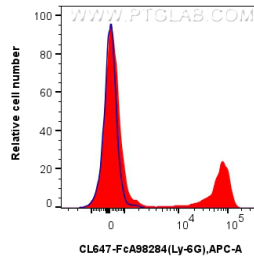
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with CoraLite® Plus 488 Anti-Mouse CD11b (M1/70), and 0.25 ug CoraLite® Plus 647 Anti-Mouse Ly-6G Rabbit RecAb (CL647-FcA98284, Clone: 242141B11) or 0.25 ug FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse Ly-6G Rabbit RecAb (CL647-FcA98284, Clone: 242141B11) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.