

For Research Use Only

FcZero-rAb® CoraLite® Plus 555 Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number: CL555-FcA98284



Basic Information

Catalog Number: CL555-FcA98284	GenBank Accession Number: NM_001310438.1	Purification Method: Protein A purification
Size: 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: 554 nm / 570 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.

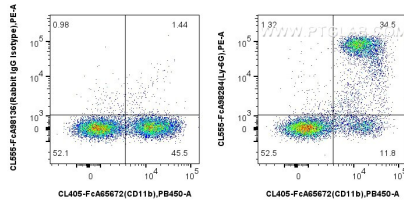
Storage

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

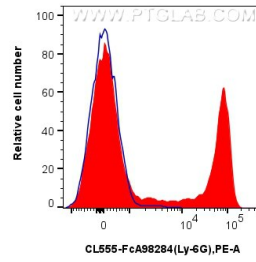
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with CoraLite® Plus 405 Anti-Mouse CD11b (M1/70), and 0.25 ug CoraLite® Plus 555 Anti-Mouse Ly-6G Rabbit RecAb (CL555-FcA98284, Clone: 242141B11) or 0.25 ug FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 555 Anti-Mouse Ly-6G Rabbit RecAb (CL555-FcA98284, Clone: 242141B11) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 555 Rabbit IgG Isotype Control Recombinant Antibody (CL555-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.