For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) Rabbit Recombinant Antibody

Catalog Number:CL488-FcA65687-3

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-FcA65687-3

Size:
100ug , 500 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
X70920

GeneID (NCBI):
546644

Full Name:
lymphocyte antigen 6 complex, locus G

Purification Method:
Protein A purification

CloneNo.:
RB6-8C5

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
493 nm / 522 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). Antibodies targeting Ly6G (RB6-8C5 or 1A8) are commonly used in studies aimed at identifying the role of neutrophils (PMID: 23543767). The RB6-8C5 mAb has been reported to cross-react with Ly-6C on cells expressing Ly-6C (PMID: 8360469).

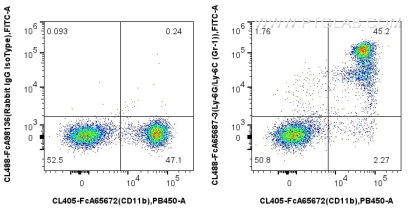
Storage

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

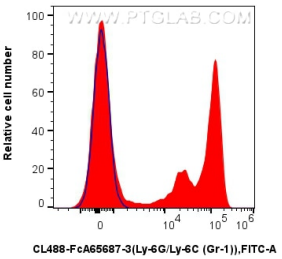
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10^6 mouse bone marrow cells were surface stained with CoraLite® Plus 405 Anti-Mouse CD11b (M1/70), and 0.25 ug CoraLite® Plus 488 Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) Rabbit RecAb (CL488-FcA65687-3, Clone: RB6-8C5) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10^6 mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) Rabbit RecAb (CL488-FcA65687-3, Clone: RB6-8C5) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.