For Research Use Only

CoraLux Violet 510 Anti-Mouse Ly-6G Rabbit Recombinant Antibody

Catalog Number:CLV510-98284

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CLV510-98284

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 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
410 nm / 501 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).

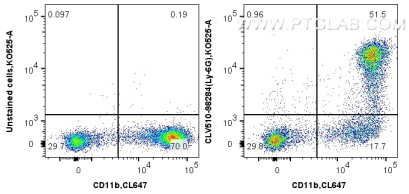
Storage

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

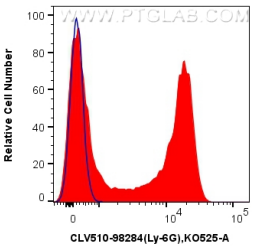
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 mouse bone marrow cells were surface stained with CoraLite® Plus 647 Anti-Mouse CD11b, and 0.25 ug CoraLux Violet 510 Anti-Mouse Ly-6G Rabbit RecAb (CLV510-98284, Clone: 242141B11) or unstained. Cells were not fixed.



1x10^6 mouse bone marrow cells were surface stained with 0.25 ug CoraLux Violet 510 Anti-Mouse Ly-6G Rabbit RecAb (CLV510-98284, Clone: 242141B11) (red), or unstained (blue). Cells were not fixed.