

For Research Use Only

FcZero-rAb® PE-CorLite® Plus 594 Anti-Mouse Ly-6C (HK1.4) Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA65669



Basic Information

Catalog Number:
PCL594-FcA65669

Concentration:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC010764

GeneID (NCBI):
17067

UNIPROT ID:
POCW02

Full Name:
lymphocyte antigen 6 complex, locus
C1

Purification Method:
Protein A purification

CloneNo.:
HK1.4

Recommended Dilutions:
FC: 0.1 ug per 10⁶ cells in a 100 µl
suspension

Excitation/Emission maxima
wavelengths:
496 nm, 565 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse bone marrow cells,

Background Information

Ly-6C (lymphocyte antigen 6 complex, locus C) is a 14-17 kDa GPI-linked cell surface antigen that belongs to the Ly-6 family of glycosyl phosphatidylinositol-anchored surface glycoproteins (PMID: 9192663). Ly-6C is expressed on mouse monocytes/macrophages, endothelial cells, granulocytes, thymocytes, and some T cell subsets (PMID: 2849552). The two alleles of Ly-6C, Ly-6C.1 and Ly-6C.2, result in differential expression of this protein on subpopulations of CD4⁺ T cells (PMID: 15057973; 9126982). Ly-6C has been reported as a marker of memory CD8⁺ T cells (PMID: 7543536).

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:

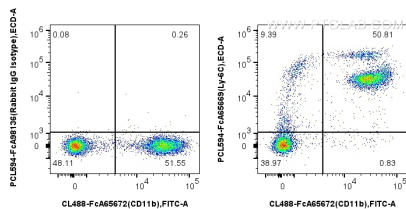
T: 4006900926

E: Proteintech-CN@ptglab.com

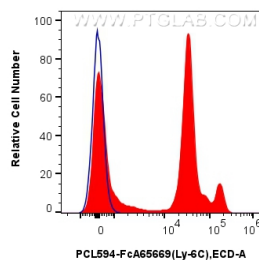
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD11b (M1/70), and 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse Ly-6C (HK1.4) Rabbit IgG RecAb (PCL594-FcA65669, Clone:HK1.4) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse Ly-6C (HK1.4) Rabbit IgG RecAb (PCL594-FcA65669, Clone:HK1.4) (red) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.