

For Research Use Only

FcZero-rAb® Biotin Anti-Mouse Ly-6C (HK1.4) Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA65669



Basic Information

Catalog Number:

Biotin-FcA65669

Concentration:

100ug, 500 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: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

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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:

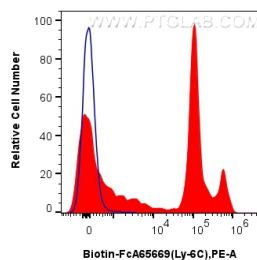
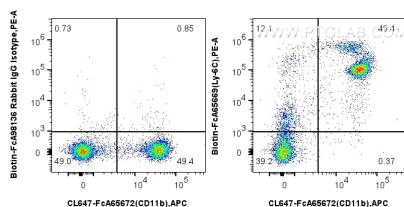
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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (Biotin-FcA65669, Clone: HK1.4) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb® CoraLite® Plus 647 Anti-Mouse CD11b (M1/70) Rabbit Recombinant Antibody (CL647-FcA65672, Clone: M1/70). Cells were



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (Biotin-FcA65669, Clone: HK1.4)(red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.