

For Research Use Only

FcZero-rAb® PerCP-Cyanine5.5 Anti-Mouse Ly-6C (HK1.4) Rabbit Recombinant Antibody

Catalog Number: CPY5-FcA65669



Basic Information

Catalog Number:

CPY5-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: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

482 nm / 690nm

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 and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

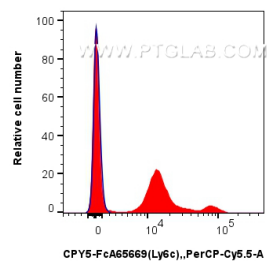
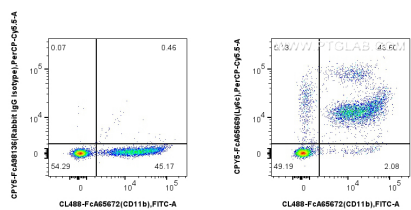
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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Mouse CD11b, and 0.25 ug PerCP-Cyanine5.5 Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (CPY5-FcA65669, Clone: HK1.4) or 0.25 ug FcZero-rAb® PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug PerCP-Cyanine5.5 Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (CPY5-FcA65669, Clone: HK1.4) (red) or 0.25 ug FcZero-rAb® PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.