For Research Use Only

CoraLite® Plus 647 Anti-Mouse Ly-6C (HK1.4) Rat IgG2a Recombinant Antibody

Catalog Number:CL647-65669

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL647-65669

Concentration:
100ug, 500 ug/ml

Source:
Rat

Isotype:
IgG2a

GenBank Accession Number:
BC010764

GeneID (NCBI):
17067

UNIPROT ID:
P0CW02

Full Name:
lymphocyte antigen 6 complex, locus C1

Purification Method:
Protein G purification

CloneNo.:
HK1.4

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

Excitation/Emission maxima wavelengths:
654 nm / 674 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:
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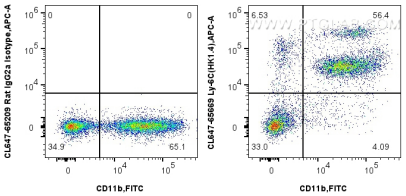
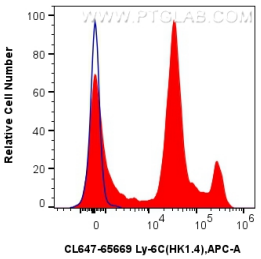
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 mouse bone marrow cells were surface stained with FITC Plus Anti-Mouse CD11b, and 0.25 ug CoraLite® Plus 647 Anti-Mouse Ly-6C (HK1.4) Rat IgG2a RecAb (CL647-65669, Clone: HK1.4) or CoraLite® Plus 647 Rat IgG2a Isotype Control (2A3) (CL647-65209, Clone: 2A3). Cells were not fixed.



1x10^6 mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse Ly-6C (HK1.4) Rat IgG2a RecAb (CL647-65669, Clone: HK1.4) (red) or CoraLite® Plus 647 Rat IgG2a Isotype Control (2A3) (CL647-65209, Clone: 2A3) (blue). Cells were not fixed.