

For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Mouse Ly-6C (HK1.4) Rabbit Recombinant Antibody

Catalog Number: CL488-FcA65669



Basic Information

Catalog Number: CL488-FcA65669	GenBank Accession Number: BC010764	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 17067	CloneNo.: HK1.4
Source: Rabbit	UNIPROT ID: POCW02	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: lymphocyte antigen 6 complex, locus C1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Tested Applications: FC	Positive Controls: FC : mouse bone marrow cells,
Species Specificity: mouse	

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:

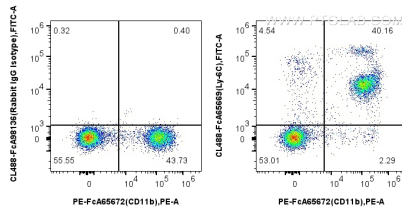
T: 4006900926

E: Proteintech-CN@ptglab.com

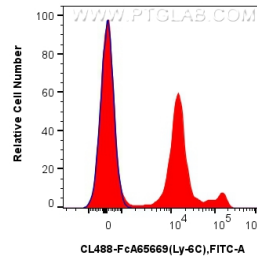
W: ptgcn.com

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

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with FcZero-rAb® PE Anti-Mouse CD11b (M1/70), and 0.25 ug CoraLite® Plus 488 Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (CL488-FcA65669, Clone:HK1.4) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse Ly-6C (HK1.4) Rabbit RecAb (CL488-FcA65669, Clone:HK1.4) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.