



Application

Flow Cytometry (Evaluation of the expression of CD45 on Human cells).

Species

Mouse

Isotype

Mouse IgG2a

Specificity

This product is a specific antibody specifically reacts with CD45 protein.

Reactivity

Human

Conjugate

PerCP-Cy5.5

Excitation Wavelength: 488 nm

Emission Wavelength: 690 nm

Recommended Dilution

1:20

Formulation

Supplied as 0.2 µm filtered solution in PBS, 0.2% BSA, 0.03% Proclin 300, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

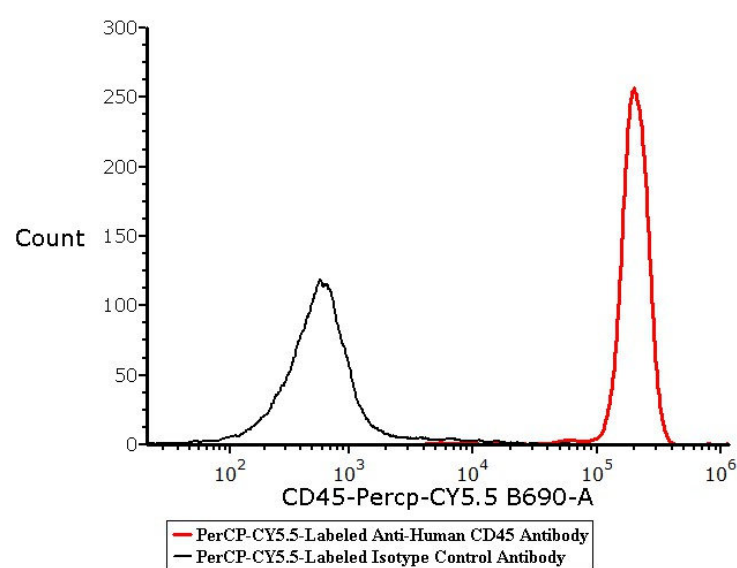
Storage

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- Store at 2-8 °C for 12 months.

Bioactivity-FACS



Flow cytometric analysis of Human peripheral blood lymphocytes respectively staining with PerCP-CY5.5-Labeled Anti-Human CD45 Antibody, mouse IgG2a (AIRFS225-240625F1-Bulk) at 1:20 dilution (5 µL of the antibody stock solution corresponds to labeling of 2.5e5 cells in a final volume of 100 µL), compared with isotype control antibody. PerCP-CY5.5 signal was used to evaluate the binding activity (QC tested).

Background

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and more!



PerCP-Cy5.5 Labeled Monoclonal Anti-Human CD45 Antibody, Mouse IgG2a

Catalog # FABm007-06



CD45 is a receptor protein tyrosine phosphatase, also known as Ly-5 or leukocyte common antigen. CD45 mainly involves in the initiation of T cell receptor signaling by controlling the activation of the Src family protein-tyrosine kinases Lck and Fyn. CD45 deficiency causes in T- and B-lymphocyte dysfunction in the form of severe combined immune deficiency. It also takes a significant role in autoimmune diseases and cancer as well as in infectious diseases including fungal infections.

Clinical and Translational Updates

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