

PE-Labeled Monoclonal Anti-Human CD45RA Antibody, Mouse IgG2b (AS624) (0.03% Proclin)

Catalog # FABm040-01



Clone

AS624

Isotype

Mouse IgG2b, Kappa

Host Species

Mouse

Reactivity

Human

Immunogen

Purified Human CD45RA Protein

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Specificity

This product is a specific antibody specifically reacts with CD45RA protein.

Application

Flow Cytometry (Evaluation of the expression of CD45RA on Human cells).

Recommended Dilution

1:20

Isotype Control

The isotype control is sold separately; please refer to Cat. No. [DNP-PM486](#) for product information.

Form

Liquid

Formulation

Supplied as 0.2 µm-filtered solution in PBS (pH 7.4) containing 0.03% ProClin 300 and 0.2% BSA, with trehalose as protectant.

Please contact us for customized product forms or formulations.

Shipping

Liquid product is shipped at blue ice.

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.

Notices

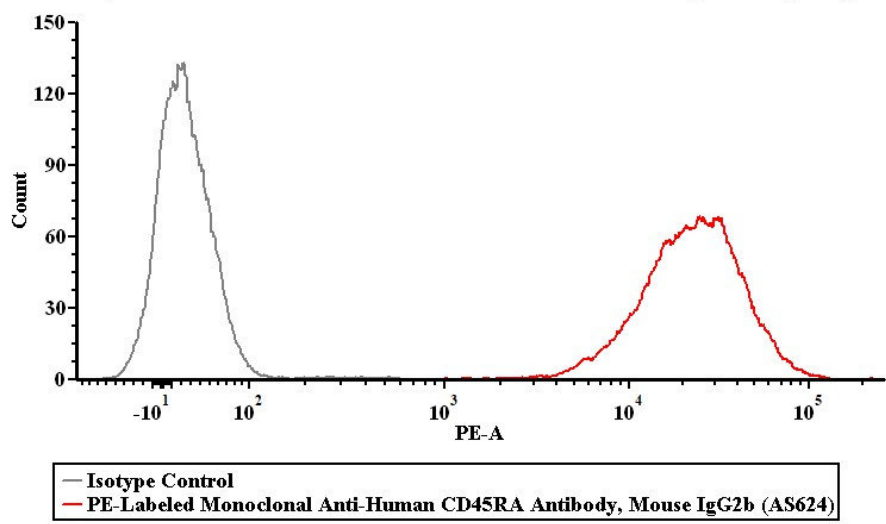
Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-FACS

FACS analysis of PE-Labeled Monoclonal Anti-Human CD45RA Antibody, Mouse IgG2b (AS624)



Flow cytometric analysis of Jurkat staining with PE-Labeled Monoclonal Anti-Human CD45RA Antibody, Mouse IgG2b (AS624) (Cat. No. FABm040-01) at 1:20 dilution (5 μ L of the antibody stock solution corresponds to labeling of 1e6 cells in a final volume of 100 μ L), compared with isotype control antibody. PE signal was used to evaluate the binding activity (QC tested).

Background

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.



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