



Application

Flow Cytometry (Evaluation of the expression of CD8 on Human cells).

Species

Mouse

Isotype

Mouse IgG

Specificity

This product is a specific antibody specifically reacts with CD8 protein.

Reactivity

Human

Conjugate

APC-CY7

Excitation Wavelength: 637 nm

Emission Wavelength: 780 nm

Recommended Dilution

1:20

Formulation

Supplied as 0.2 μ m 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.

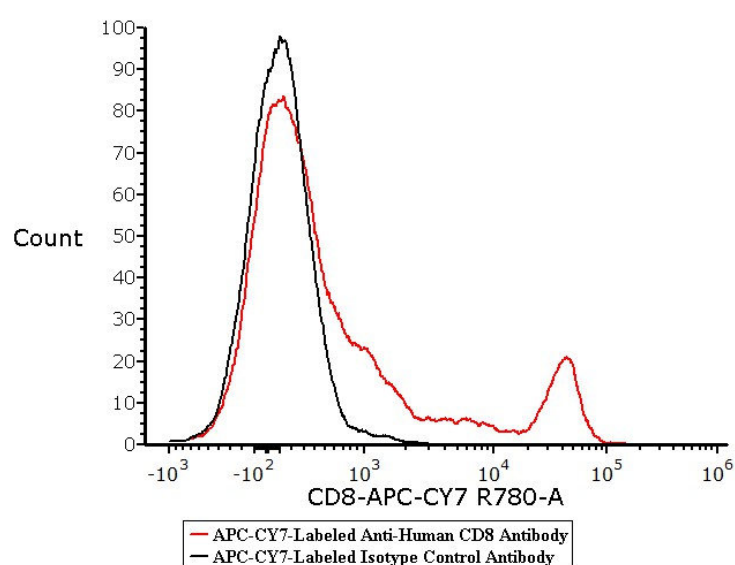
Storage

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 APC-CY7-Labeled Monoclonal Anti-Human CD8 Antibody Mouse IgG1 (Cat. No. FABm003-05) at 1:20 dilution (5 μ L of the antibody stock solution corresponds to labeling of 2.5e5 cells in a final volume of 100 μ L), compared with isotype control antibody. APC-CY7 signal was used to evaluate the binding activity (QC tested).

Background

Discounts, Gifts,
and more!



APC-CY7-Labeled Monoclonal Anti-Human CD8 Antibody, Mouse IgG

Catalog # FABm003-05



CD8a is a 32-34 kD type I glycoprotein. It forms a homodimer (CD8a/a) or heterodimer (CD8a/b) with CD8b. CD8, also known as T8 and Leu2, is a member of the immunoglobulin superfamily found on the majority of thymocytes, a subset of peripheral blood T cells, and NK cells (which express almost exclusively CD8a homodimers). CD8 acts as a co-receptor with MHC class I-restricted T cell receptors in antigen recognition and T cell activation and has been shown to play a role in thymic differentiation. Two domains in CD8a are important for function: the extracellular IgSF domain binds the $\alpha 3$ domain of MHC class I and the cytoplasmic CXCP motif binds the tyrosine kinase p56 Lck.

Clinical and Translational Updates

Discounts, Gifts,
and more!



www.acrobiosystems.com

9/30/2024