

APC-Labeled Monoclonal Anti-Human CD2 Antibody, Mouse IgG1 (RPA-2.10) (0.03% Proclin)

Catalog # CD2-AHF48G1



BIOSYSTEMS
Acro

Source

Monoclonal Anti-Human CD2 Antibody (RPA-2.10), Mouse IgG1 is a mouse monoclonal antibody recombinantly expressed from human 293 cells (HEK293), which provides higher batch consistency and long term security of supply.

Application

Flow Cytometry (Evaluation of the expression of CD2 on Human cells).

Species

Mouse

Isotype

Mouse IgG1 | Mouse Kappa

Specificity

This antibody can react with Human CD2.

Reactivity

Human

Immunogen

CD2 Protein

Conjugate

APC

Excitation Wavelength: 640 nm

Emission Wavelength: 661 nm

Recommended Dilution

1:50

Formulation

Lyophilized from a 0.22 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.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

For best performance, we strongly recommend following the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored in a lyophilized state at -20°C or lower.

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

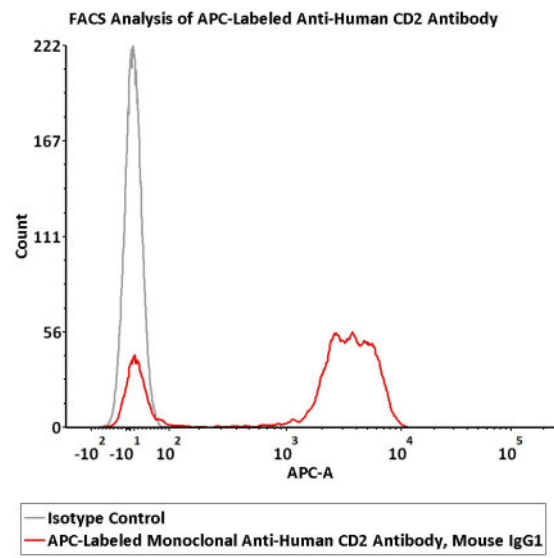
This product is stable after storage at:

- -20°C to -70°C for 24 months in lyophilized state;
- -70°C for 12 months after reconstitution.
- 2-8 °C for 12 months after reconstitution.

ACRO Quality Management System

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

Bioactivity-FACS



Flow cytometric analysis of Human peripheral blood lymphocytes staining with APC-Labeled Monoclonal Anti-Human CD2 Antibody, Mouse IgG1 (RPA-2.10) (Cat. No. CD2-AHF48G1) at 1:50 dilution (2 μ L of the antibody stock solution corresponds to labeling of 1e6 PBMCs in a final volume of 100 μ L). APC signal was used to evaluate the binding activity (QC tested).

Background

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. [provided by RefSeq, Jun 2016]

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