

FITC Anti-Human CD2 Antibody[RPA-2.10]

Catalog Number: E-AB-F1375C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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|--------------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | RPA-2.10 |
| Isotype Control | FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] |
| Conjugation | FITC |
| Conjugation Information | FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

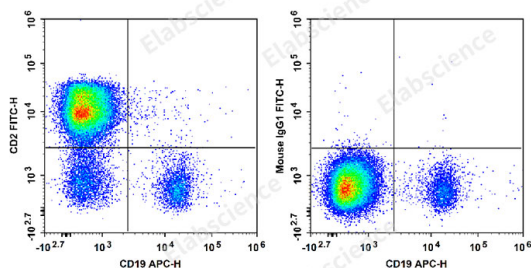
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Human peripheral blood lymphocytes are stained with APC Anti-human CD19 Antibody and FITC Anti-Human CD2 Antibody[RPA-2.10] (Left). Lymphocytes are stained with APC Anti-human CD19 Antibody and FITC Mouse IgG1, κ Isotype Control (Right).

Preparation & Storage

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|-----------------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Do not freeze. |
| Shipping | Ice bag |

Antigen Information

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|------------------------|--|
| Alternate Names | Erythrocytereceptor;LFA-2;LFA-3R;T-cellsurfaceantigenCD2;T11/Leu-5 |
| Uniprot ID | P06729 |

For Research Use Only

Background

CD2 is a 50 kD type I transmembrane glycoprotein also known as LFA-2, T11, and sheep red blood cell receptor (SRBC-R). This immunoglobulin superfamily member is expressed on thymocytes, T lymphocytes, NK cells, and thymic B cell subsets. The major ligand for CD2 is CD58 (also known as LFA-3). CD2 has also been reported to bind CD48, CD59, and CD15. CD2 plays a critical role in alternative T cell activation, T cell signaling, and cell-cell adhesion.

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