

Purified Anti-Human CD2 Antibody[HIT11]

catalog number: E-AB-F1311A

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

Description

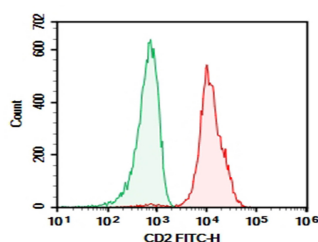
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	HIT11
Conjugation	Unconjugated
buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 $\mu\text{g}/\text{mL}$ (1×10^5 - 5×10^5 cells)
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Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD2 Antibody[HIT11] (Right) and 0.2 μg Rabbit IgG1, κ Isotype Control (Left), followed by Alexa Fluor[®] 647-conjugated Goat Anti-Rabbit IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

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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