

Purified Anti-Human CD5 Antibody[HISM2]

catalog number: E-AB-F1313A

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

Description

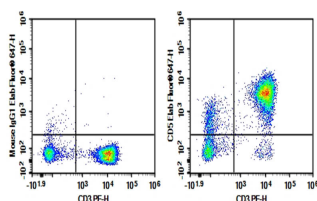
Reactivity	Human
Immunogen	Recombinant Human CD5 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	HISM2
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	PBS, pH 7.2. Contains 0.05% proclin 300.

Applications

Recommended Dilution

FCM	2 μ g/mL(0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
-----	--

Data



Human peripheral blood lymphocytes cell were stained with 0.2 μ g Purified Anti-Human CD5 Antibody[HISM2] (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by

Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD3 PE-conjugated Monoclonal 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

CD5, also known as Leu-1, is a type I transmembrane protein belonging to the scavenger receptor cysteine-rich (SRCR) superfamily. It is expressed on thymocytes, T cells and the B1a subpopulation of B cells. CD5 binds the C-type lectin, CD72, and modulates signaling through the antigen receptors on T and B cells. CD5 has been shown to provide either positive or negative co-stimulatory signals depending on cell type to regulate immune responses.