Purified Anti-Human CD50 Antibody[CBR-IC3/1]

catalog number: **AN003180P**

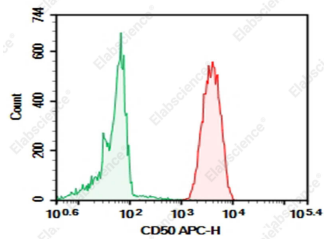
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD50 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	CBR-IC3/1
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD50 Antibody[CBR-IC3/1] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse 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

CD50 is a 120-140 kD type I membrane protein also known as intercellular adhesion molecule 3 (ICAM-3). It is broadly expressed on leukocytes, endothelial cells, and Langerhans cells. CD50 is a member of the Ig superfamily. It provides costimulatory signal for T cells and regulates cell adhesion through interaction with LFA-1 (CD11a/CD18, α L/β2) integrin.

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