

Purified Anti-Human/Monkey CD154/CD40L Antibody[5C8]

catalog number: E-AB-F1128A

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

Description

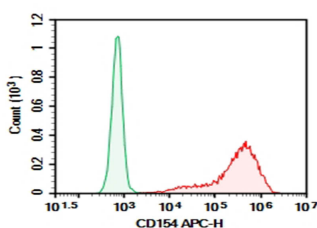
Reactivity	Human;Monkey
Immunogen	Recombinant Human CD154 protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	5C8
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	$\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume
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Data



HEK293T cells transfected with pcDNA3.1 plasmid encoding Human CD154 gene were stained with 0.2 μg Purified Anti-Human CD154 Antibody[5C8] (Right) and 0.2 μg Mouse IgG2a, 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

CD154 is a 39 kD TNF superfamily member also known as CD40 ligand, gp39, T-BAM, TRAP, and Ly-62. CD154 is an accessory molecule expressed predominantly on activated CD4⁺ lymphocytes that bind CD40. CD154 plays an important role in T-B cell costimulation.

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