

Purified Anti-Human CD40 Antibody[5D12]

catalog number: AN007930P

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

Description

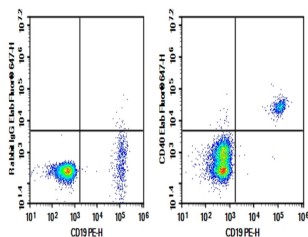
Reactivity	Human
Immunogen	Recombinant Human CD40 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	5D12
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM ≤ 0.2 µg per million cells in 100 µL volume

Data



Human peripheral blood lymphocytes cell were stained with 0.2 µg Purified Anti-Human CD40 Antibody[5D12] (Right) and 0.2 µg Rabbit IgG, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rabbit IgG Secondary Antibody, then anti-Human CD19 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

CD40 is a type I transmembrane glycoprotein belonging to the TNF receptor superfamily. The mature hCD40 consists of a 172 amino acid (aa) extracellular domain, a 22 aa transmembrane region and a 62 aa cytoplasmic domain. Human and mouse CD40 share 62% aa identity. CD40 is expressed in B cells, follicular dendritic cells, dendritic cells, activated monocytes, macrophages, endothelial cells, vascular smooth muscle cells, and several tumor cell lines.

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