

Purified Anti-Mouse CD40 Antibody[1C10]

catalog number: AN004730P

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

Description

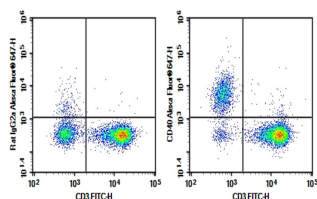
Reactivity	Mouse
Immunogen	Recombinant Mouse CD40 protein
Host	Rat
Isotype	Rat IgG2a,κ
Clone	1C10
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 µg/mL(1×10^5 - 5×10^5 cells)
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Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg Purified Anti-Mouse CD40 Antibody[1C10] (Right) and 0.2 µg Rat IgG2a, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse CD3 FITC-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 mCD40 consists of a 172 amino acid (aa) extracellular domain, a 22 aa transmembrane region and a 90 aa cytoplasmic domain. CD40 is expressed on 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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