

## Purified Anti-Mouse CD40 Antibody[1C10]

catalog number: **AN004730P**

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

### Description

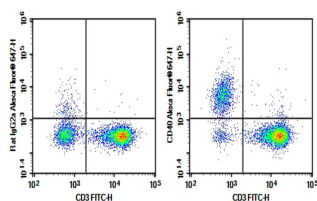
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD40 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, $\kappa$
<b>Clone</b>	1C10
<b>Purification</b>	>98%, Protein A/Gpurified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL( $1 \times 10^5$ - $5 \times 10^5$ cells)
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### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu$ g Purified Anti-Mouse CD40 Antibody[1C10] (Right) and 0.2  $\mu$ g Rat IgG2a,  $\kappa$  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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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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