

## Anti-CD40 Antibody (4P686)

## Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4P686
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<p>1. Immunofluorescence staining of A549 cell with TMAH-00197 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-mouse IgG(H+L).</p> <p>2. Immunofluorescence staining of PC-3 cell with TMAH-00197 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-mouse IgG(H+L).</p> <p>3. Overlay Peak curve showing THP-1 cells surface stained with TMAH-00197 (red line) at 1:100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1 µg/1*10<sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1 µg/1*10<sup>6</sup> cells) used under the same conditions. Acquisition of &gt;10,012 events was performed.</p>
Application:	ELISA,FCM,IF
Recommended	IF:1:20-1:200; FCM:1:20-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human CD40 Protein
Antigen Species:	Human
Gene ID:	958
Uniprot ID:	P25942
Synonyms:	p50;Bp50;TNFRSF5;CD40 molecule, TNF receptor superfamily member 5;CDW40
Biology Area:	Cardiovascular, Immunology, Stem cells

## Research Background

Receptor for TNFSF5/CD40LG. Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages

and B cells, leading to induction of immunoglobulin secretion.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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