

## CD40 antibody [FGK4.5/ FGK45] (APC)

Cat. No. GTX01483-07

<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	FCM
<b>Reactivity</b>	Mouse

References ( 4 )

Package

100 µg

## PRODUCT

## Summary

The FGK45 antibody reacts with mouse CD40, a 40-50 kDa glycoprotein member of the tumor necrosis factor receptor (TNFR) family. CD40 is constitutively expressed by antigen presenting cells, including dendritic cells, B cells, and macrophages. The interaction of CD40 and its ligand CD154, expressed on activated T cells, plays an essential role in mediating a broad range of immune and inflammatory responses including T cell dependent immunoglobulin class switching, germinal center formation, and the development of memory B cells. The FGK45 clone is reported to be functionally useful for both in vitro and in vivo activation of CD40 expressing antigen presenting cells. The FGK45 antibody reacts with mouse CD40, a 40-50 kDa glycoprotein member of the tumor necrosis factor receptor (TNFR) family.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

## Suggested dilution

FCM

## Recommended dilution

Assay dependent

Not tested in other applications.

## Properties

**Form** Liquid

**Buffer** 10mM NaH<sub>2</sub>PO<sub>4</sub>, 150mM NaCl, 0.1% Gelatin

**Preservative** 0.09% Sodium azide

**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.

**Concentration** 0.2 mg/ml (Please refer to the vial label for the specific concentration.)

**Purification** Purified by affinity chromatography  
From tissue culture supernatant

**Conjugation** Allophycocyanin (APC) [Wavelength](#)

## Note

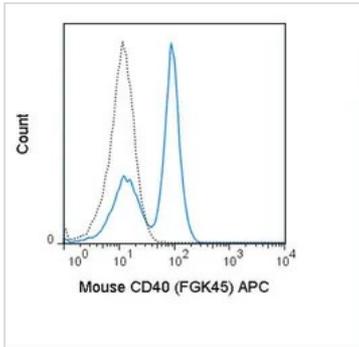
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## DATA IMAGES

**GTX01483-07 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01483-07 CD40 antibody [FGK45] (APC).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25  $\mu$ g (5  $\mu$ l)



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