

CD40 antibody [FGK4.5/ FGK45] (PE)

Cat. No. GTX01483-08

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	FCM
Reactivity	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

Recommended dilution

FCM

Assay dependent

Not tested in other applications.

Properties

Form Liquid

Buffer 10mM NaH₂PO₄, 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 Phycoerythrin (PE) [Wavelength](#)

Note

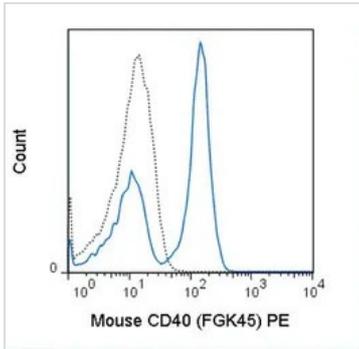
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DATA IMAGES

**GTX01483-08 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01483-08 CD40 antibody [FGK45] (PE).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25 μ g (5 μ l)



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