

CD40 antibody [FGK4.5/ FGK45]

Cat. No. GTX01483

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Application	FACS
Reactivity	Mouse

Reference (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.

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
FACS	Assay dependent
Inhibition assay	Assay dependent

Not tested in other applications.

Calculated MW 32 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated



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Note

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