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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD40 antibody [FGK45] (APC)

Cat No. GTX01483-07

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	Dilution
FACS	Assay dependent

Not tested in other applications.

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

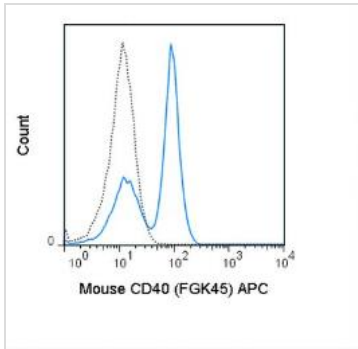
PROPERTIES

Form	Liquid
Buffer	10 mM NaH ₂ PO ₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin
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)
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

**GTX01483-07 FACS 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 μ g (5 μ l)



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