

In vivo Grade Recombinant Anti-mouse CD40 Monoclonal Antibody (Clone: FGK4.5), Rat IgG2a Kappa

Catalog No.: YR0383

Basic Information

Molecular Weight

150kDa

Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

Sterility

0.2 μm filtration

Aggregation

<5% Determined by SECP

Purity

>95% Determined by SDS-PAGE

Background

The FGK4.5 antibody binds to the cell-surface molecule CD40, a member of the tumor necrosis factor receptor superfamily. CD40 is expressed by antigen-presenting cells (APC) and many tumor cells.

Reported Applications

ELISA, flow cytometry, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by the mouse CD40 protein.

Immunogen Information

Clone

FGK4.5

Isotype

Rat IgG2a

Immunogen

Recommended Isotype Control(s)

Recommended Dilution Buffer

1×PBS

Contact

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Product Information

Production

Purified from cell culture supernatant in an animal-free facility

Purification

Protein A/G

Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)