

## InVivo Anti-Mouse CD40/TNFRSF5 Antibody (FGK45)

CatalogNo: YV0026

### Key Features

**Host Species**

- Rat

**Reactivity**

- Mouse

**Applications**

- In vivo

**Isotype**

- IgG2a, kappa

### Storage

**Storage\***

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

**Formulation**

0.01M PBS, pH 7.4.

### Recommended Dilution Ratios

### Basic Information

**Purity**

Endotoxin level <1 EU/mg. Purity>95% as determined by SDS-PAGE.

**Clonality**

Monoclonal

### Immunogen Information

### Target Information

**Gene name**

CD40

**Protein Name**

Tumor necrosis factor receptor superfamily member 5

**Organism**

Human

**Gene ID**

[958](#);

**UniProt ID**

[P25942](#);

## Cellular Localization

[Isoform I]: Cell membrane; Single-pass type I membrane protein.; [Isoform II]: Secreted.

**Tissue specificity** B-cells and in primary carcinomas.

## Function

Alternative products:Additional isoforms seem to exist ,Disease:Defects in CD40 are the cause of hyper-IgM immunodeficiency type 3 (HIGM3) [MIM:606843]. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching , one of the final differentiation steps in the humoral immune system , an inability to mount an antibody-specific immune response , and a lack of germinal center formation. ,Function:Receptor for TNFSF5/CD40LG. ,online information:CD40 entry ,online information:CD40 mutation db ,similarity:Contains 4 TNFR-Cys repeats. ,subunit:Monomer and homodimer. The variant form found in the bladder carcinoma cell line Hu549 does not form homodimers. Interacts with TRAF1 , TRAF2 , TRAF3 , TRAF5 and TRAF6. ,tissue specificity:B-cells and in primary carcinomas. ,

## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**InVivo Anti-Mouse CD40/TNFRSF5 Antibody (FGK45)**

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