Cat. No. DME100102B



PRODUCT INFORMATION

Clone ID DM102 **Target** CD40

Synonyms CD40; Bp50; CDW40; MGC9013; TNFRSF5; p50

Host Species Rabbit

Biotinylated Anti-CD40 antibody(DM102); Rabbit Description

mAb

Delivery 2-3 weeks **Uniprot ID** P25942 Rabbit IgG IgG type Clonality Monoclonal

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

Background

Reactivity

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Human

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature. This gene is a member of the TNF-receptor

superfamily. The encoded protein is a receptor on antigen-presenting cells of the immune system and is essential for mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching; memory B cell development; and germinal center formation. AT-hook transcription factor AKNA is reported to coordinately regulate the expression of this receptor and its ligand; which may be important for homotypic cell interactions. Adaptor protein TNFR2 interacts with this receptor and serves as a mediator of the signal transduction.

The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation; and thus is thought to be an early event in Alzheimer disease pathogenesis. Mutations affecting this gene are the cause of autosomal recessive hyper-IgM immunodeficiency type 3 (HIGM3). Multiple alternatively spliced transcript variants of this gene encoding distinct

isoforms have been reported.

Usage Research use only

Conjugate Biotinylated All DIMA recombinant antibodies are genuinely

generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to ensure no IP infringement.

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DIMA Disclaimer

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