

Product datasheet for TA389314

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OriGene Technologies, Inc.

Biotinylated Anti-CD40 antibody(DM102), Rabbit mAb

Product data:

Product Type: Primary Antibodies

Clone Name: DM102
Applications: ELISA, FC

Recommended Dilution: ELISA 1:5000-10000

Flow Cyt 1:100

Reactivity: Human
Host: Rabbit
Isotype: IgG

Clonality: Monoclonal

Formulation: 1XPBS

Concentration: Lot specific

Purification: Purified from cell culture supernatant by affinity chromatography

Conjugation: Unconjugated

Storage: 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 antibodies are shipped at ambient temperature.

Stability: 12 months from date of despatch

Background: 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

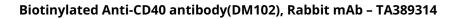
interacts with this receptor and serves as a mediator of the signal transduction. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced

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-lgM immunodeficiency type 3 (HIGM3). Multiple alternatively spliced transcript variants of this

gene encoding distinct isoforms have been reported.







Synonyms:

CD40, Bp50, CDW40, MGC9013, TNFRSF5, p50