

CD40 Recombinant antibody

Cat: B03001L

Company: HaoKebio

Uniprot ID: P25942

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

IHC-TSA:1:500-1:1000

Molecular Weight Calculation: 31 kDa

WB:1:1000

Observed Molecular Weight: 42 kDa

Background:

This gene is a member of the TNF-receptor super family. 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.

Protein full name:

CD40 molecule, TNF receptor superfamily member 5

Synonyms:

p50, CD40L receptor, Bp50, B-cell surface antigen CD40, B cell surface antigen CD40

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm,membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

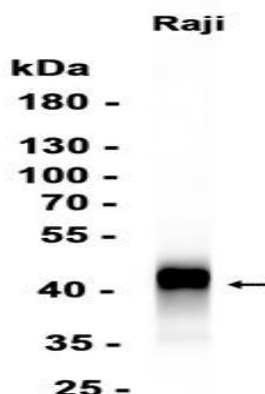
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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浩克生物技术有限公司提供;
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