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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD40 monoclonal antibody (M21), clone 4F12

Catalog # : H00000958-M21

規格 : [100 ug]

List All

Specification	Application Image
Product Description: Mouse monoclonal antibody raised against a partial recombinant CD40.	ELISA
Immunogen: CD40 (AAH12419, 21 a.a. ~ 193 a.a) partial recombinant protein with GST tag.	
Sequence: EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETETECLPCGESEFLD TWNRETHCHQHKYCDPNLGLRVQKGTSETDTICTCEEGWHCTSEACE SCVLHRSCSPGFGVKQIATGVSDTICEPCVGGFFSNVSSAFEKCHPWTS CETKDLVVQQAGTNKTDVCGPQDRLR	
Host: Mouse	
Reactivity: Human	
Isotype: IgG1 Kappa	
Quality Control Testing: Antibody Reactive Against Recombinant Protein.	
Storage Buffer: In 1x PBS, pH 7.4	
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.	
Datasheet:  Download	
Applications	
ELISA	
Gene Information	
Entrez GeneID: 958	
GeneBank Accession#: BC012419	
Protein Accession#: AAH12419	
Gene Name: CD40	
Gene Alias: Bp50,CDW40,MGC9013,TNFRSF5,p50	
Gene Description: CD40 molecule, TNF receptor superfamily member 5	
Omim ID: 109535 , 606843	
Gene Ontology: Hyperlink	

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been found to be essential in 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. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: B cell surface antigen CD40, B cell-associated molecule, CD40 antigen, CD40 antigen (TNF receptor superfamily member 5), CD40 type II isoform, CD40L receptor, OTTHUMP00000031699, OTTHUMP00000031700, nerve growth factor receptor-related B-lymphocyte activation mol

Gene Pathway

[Allograft rejection](#) [Asthma](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#) [Cytokine-cytokine receptor interaction](#) [Primary immunodeficiency](#) [Systemic lupus erythematosus](#) [Toll-like receptor signaling pathway](#)

Related Disease

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