

Rabbit anti-Human CD40 Monoclonal Antibody | anti-CD40 antibody

Anti-CD40 antibody (DM100), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47425	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA

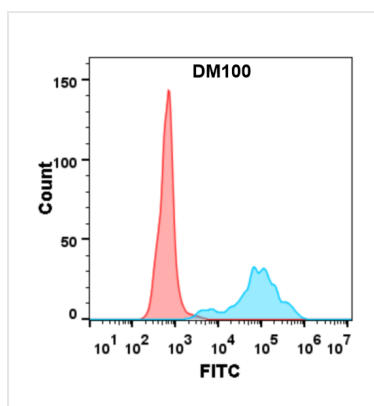
PRODUCT SYNONYMS

CD40; Monoclonal Antibody; Anti-CD40 antibody (DM100); Rabbit mAb; Bp50; CDW40; MGC9013; TNFRSF5; p50; anti-CD40 antibody

PRODUCT SPECIFICATIONS

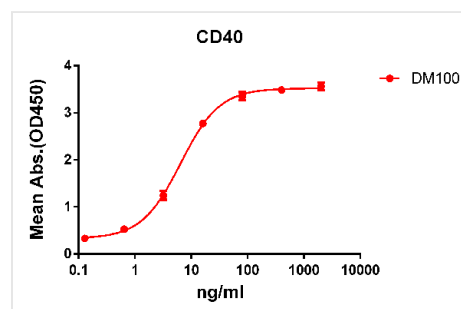
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM100
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300
Applicable Applications for anti-CD40 antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CD40 (Glu21-Arg193) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human CD40 protein, mFc-His tagged protein PME100015 can bind Rabbit anti-CD40 monoclonal antibody (clone: DM100) in a linear range of 0.64-80 ng/ml.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human CD40 protein, mFc-His tagged protein PME100015 can bind Rabbit anti-CD40 monoclonal antibody (clone: DM100) in a linear range of 0.64-80 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CD40 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507581
NCBI GeneID	958
NCBI Accession #	NP_001241.1
NCBI GenBank Nucleotide #	NM_001250.4
UniProt Accession #	P25942; Q53GN5; Q5JY15; Q5U007; Q7M4Q8; Q86YK5; Q9BYU0; E1P5S9
Molecular Weight	30,619 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 5 isoform 1
NCBI Official Synonym Full Names	CD40 molecule, TNF receptor superfamily member 5
NCBI Official Symbol	CD40
NCBI Official Synonym Symbols	p50; Bp50; CDW40; TNFRSF5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 5; CD40L receptor; CD40 type II isoform; B cell-associated molecule; B cell surface antigen CD40; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor recept
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 5
UniProt Gene Name	CD40
UniProt Synonym Gene Names	TNFRSF5
UniProt Entry Name	TNR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd40-antibody-clone-dm100-flow-cytometry-elisa/47425>