

## **PRODUCT INFORMATION**

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimablo.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806
bM102 Clone ID

CD40; Bp50; CDW40; MGC9013; TNFRSF5; p50

Host Species Rabbit

Anti-CD40 antibody(DM102); Rabbit mAb Description Delivery In Stock

Uniprot ID P25942 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human Application ELISA; Flow Cyt

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

Purification Purified from cell culture supernatant by affinity chromatography

Formulation & Reconstitution Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Storage & Shipping

specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. This gene is a member of the Thi-freezpot superfamily. The encoded protein is a receptor on antique essential for mediating a broad variety of immune and inflammatory responses including T cell-depen cell development; and germinal center formation. AT-hook transcription factor AKMA is reported to co and its ligand; which may be important for homotypic cell interactions. Adaptor protein ThiRFZ interact the signal transduction. The interaction of this receptor and its ligand is found to be necessary for am

Conjugate Unconjugated

Background

DIMA Disclaime 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.

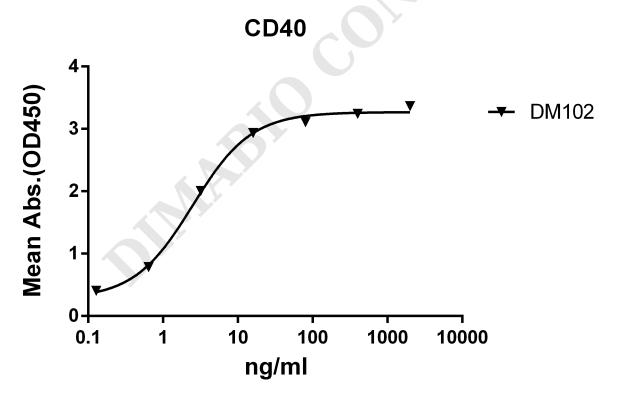


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human CD40 protein, mFc-His tagged protein PME100015 can bind Rabbit anti-CD40 monoclonal antibody ( clone: DM102) in a linear range of 0.128-16 ng/ml.

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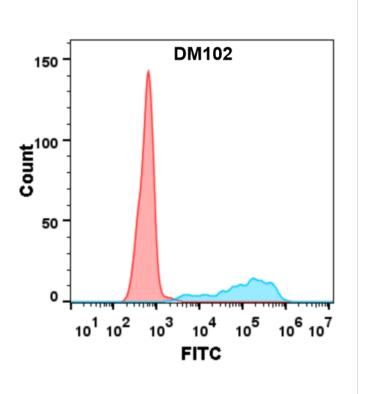


Figure 2. Flow cytometry analysis with Anti-CD40 (DM102) on HEK293 cells transfected with human CD40 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

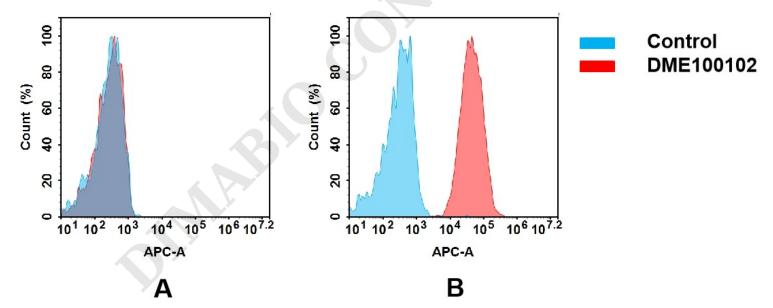


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human CD40 mAb(DME100102).

(A) DME100102 does not bind to Jurkat cells that do not express CD40. (B) A clear peak shift of DME100102 was seen compared to the control when incubated with CD40-expressing Raji cells, indicating strong binding of DME100102 to CD40. Antibodies were incubated at 2  $\mu$ g/mL.



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