

PRODUCT INFORMATION

iable \$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-woocommerce-print-products-public.php on line 2806 Clone ID

4-1RR

TNFRSF9; 4-1BB; CD137; CDw137; ILA

Host Species Rabbit

Anti-4-1BB antibody(DM67); Rabbit mAb Description Delivery In Stock

Uniprot ID Q07011 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

Score 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 proteins are shipped at a malbent temperature.

The protein encoded by this gene is a member of the TMF-receptor superfamily. This receptor contributes to the clonal expansion; survival; and regulate CD28 co-stimulation to promote Thi Cell responses. The expression of this receptor is induced by hymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of MF-kappaB. Background

Usage Conjugate Research use only Unconjugated

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.

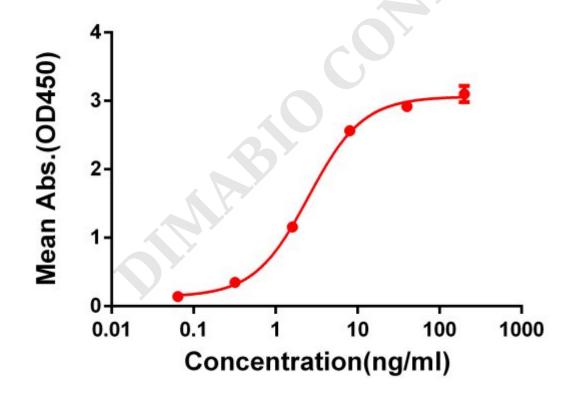


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human 4-1BB Protein, mFc-His Tag ([getskuurl sku="PME100011"]) can bind Rabbit anti-4-1BB monoclonal antibody (clone: DM67) in a linear range of 1-100 ng/ml.

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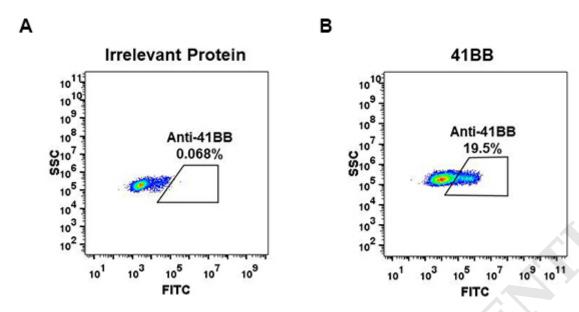


Figure 2. HEK293 cell line transfected with irrelevant protein **(A)** and human 4-1BB **(B)** were surface stained with Rabbit anti-4-1BB monoclonal antibody $1\mu g/ml$ (clone: DM67) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

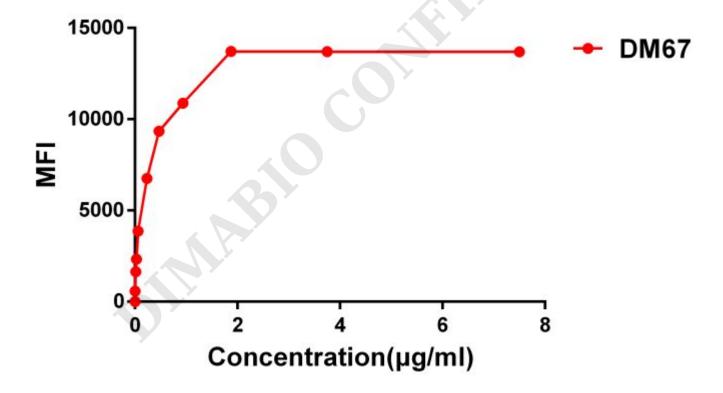


Figure 3. Flow cytometry data of serially titrated Rabbit anti-4-1BB monoclonal antibody **(clone: DM67)** on HEK293 cell line transfected with human 4-1BB. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



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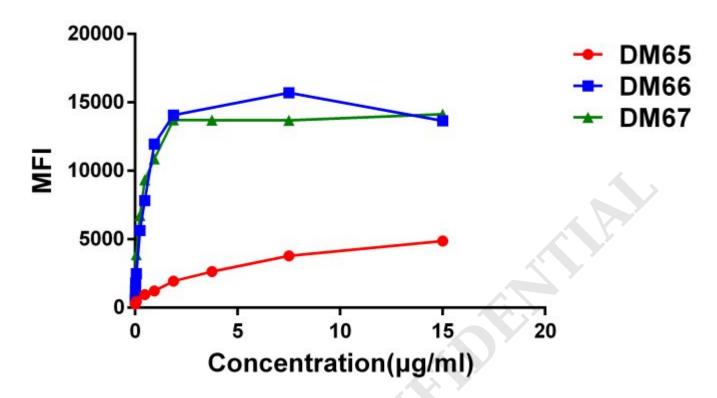


Figure 4. Affinity ranking of different Rabbit anti-4-1BB mAb clones by titration of different concentration onto HEK293 cell line transfected with human 4-1BB. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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