

PRODUCT INFORMATION

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

AITR; GITR; TNFRSF18; CD357

Host Species Rabbit

Anti-GITR antibody(DM79); Rabbit mAb Description Delivery In Stock

Uniprot ID Q9Y5U5 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human ELISA; Flow Cyt Applicati

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 fo specific instructions of reconstitution.

Storage & Shipping

Screen at 200°C to 300 mm on the in lyophilized form. After reconstitution, if risk intended for use within a month, aliquot and store at -80°C (Avoid Screen at 20°C to 30°C to 30°C

Usage Conjugate Research use only Unconjugated

Background

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.

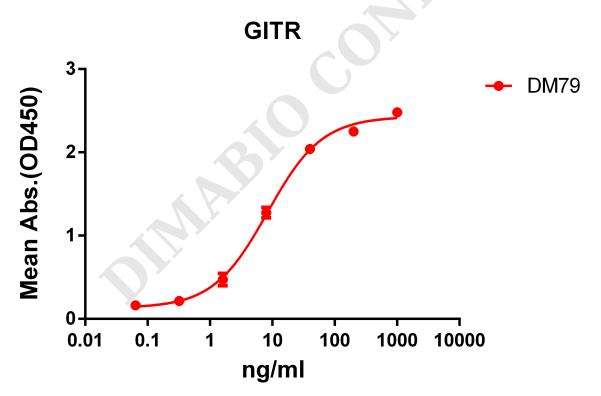


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human GITR protein, hFc-His tagged protein PME100018 can bind Rabbit anti-GITR monoclonal antibody (clone: DM79) in a linear range of 1-100 ng/ml.

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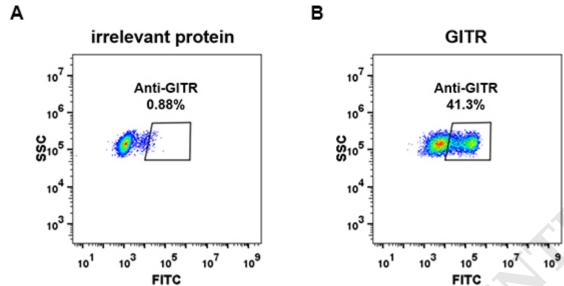


Figure 2. HEK293 cell line transfected with irrelevant protein (A) and human GITR (B) were surface stained with Rabbit anti-GITR monoclonal antibody $1\mu g/ml$ (clone: DM79) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

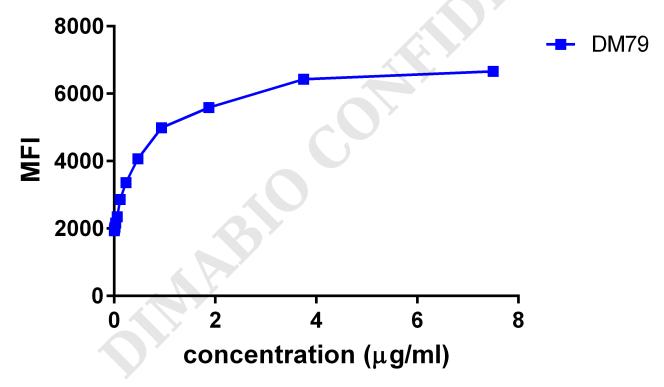


Figure 3. Flow cytometry data of serially titrated Rabbit anti-GITR monoclonal antibody (clone: DM79) on PC3 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

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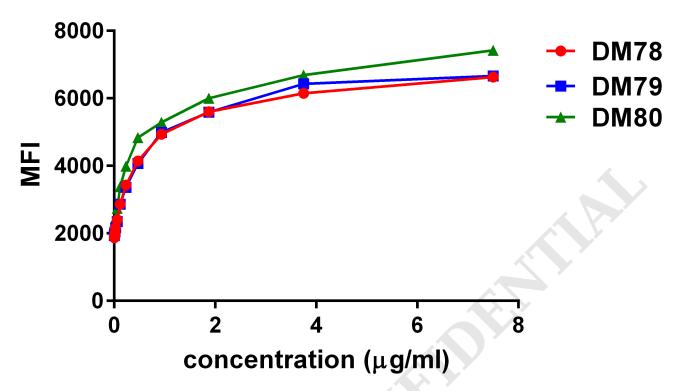
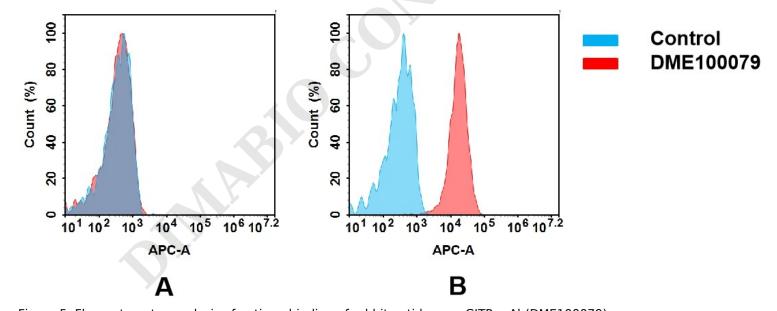


Figure 4. Affinity ranking of different Rabbit anti-GITR mAb clones by titration of different concentration onto PC3 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



 $Figure \ 5. \ Flow \ cytometry \ analysis \ of \ antigen \ binding \ of \ rabbit \ anti-human \ GITR \ mAb (DME100079).$

(A) DME100079 does not bind to 293T cells that do not express GITR. (B) A clear peak shift of DME100079 was seen compared to the control when incubated with GITR-expressing 8226 cells, indicating strong binding of DME100079 to GITR. Antibodies were incubated at 2 μ g/mL.



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