

PRODUCT INFORMATION

Clone ID DM178 **Target TIGIT**

Synonyms TIGIT; VSIG9; VSTM3

Host Species Rabbit

Description Anti-TIGIT antibody(DM178); Rabbit mAb

Delivery In Stock **Uniprot ID** Q495A1 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

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

Purified from cell culture supernatant by affinity **Purification**

chromatography

Formulation &

Background

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

Store 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and

dendritic cells to regulate T cell dependent B cell

responses.

Usage Research use only

Conjugate Unconjugated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

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DIMA Disclaimer reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



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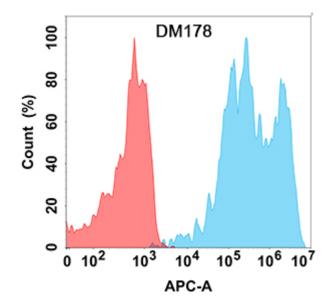


Figure 1. Flow cytometry analysis with Anti-TIGIT (DM178) on Expi293 cells transfected with human TIGIT (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

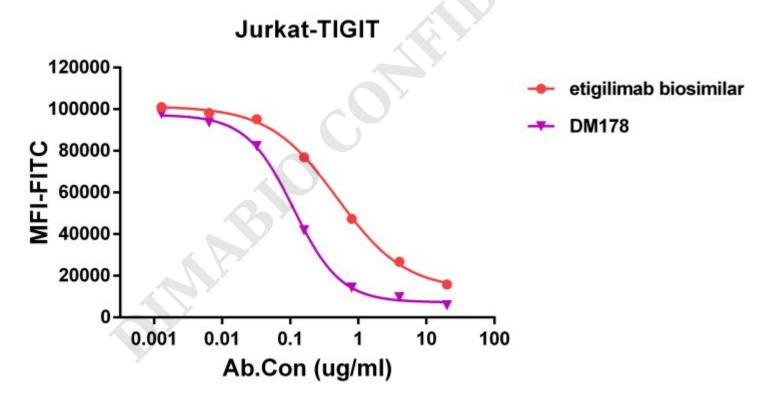


Figure 2. Competition assay demonstrating DM178 blockade of CD155 binding to Jurkat cell line transfected with human TIGIT, and competitive activity is better than etigilimab biosimilar.

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