

## **PRODUCT INFORMATION**

**TIGIT Target** 

**Synonyms** TIGIT; VSIG9; VSTM3

Recombinant human TIGIT Protein with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** Q495A1 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

TIGIT(Met22-Pro141) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

39.13 kDa after removal of the signal peptide.The apparent molecular mass of TIGIT-hFc is **Molecular Weight** 

approximately 40-53 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

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

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

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





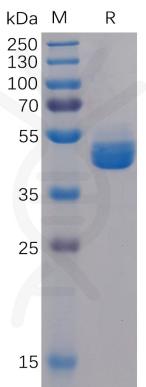


Figure 1. Human TIGIT Protein, hFc Tag on SDS-PAGE under reducing condition.

## **Human TIGIT, hFc Tagged protein ELISA**

0.2 µg of TIGIT, hFc Tagged protein per well

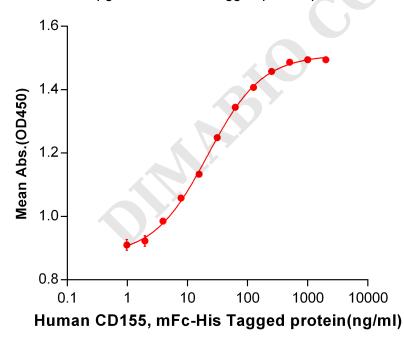


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human CD155, mFc-His tagged protein ([getskuurl sku="PME100027"]) can bind Human TIGIT, hFc tagged protein (PME100107) in a linear range of 1.95-125 ng/ml.

Email: info@dimabio.com Website: www.dimabio.com





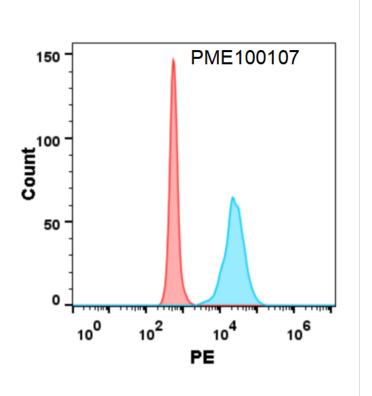


Figure 3.Flow cytometry analysis with  $1\mu g/mL$  Human TIGIT Protein, hFc tag (PME100107) on Expi293 cells transfected with human CD112 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

## **Human TIGIT, hFc Tagged protein ELISA**

 $0.2~\mu g$  of Human TIGIT, hFc tagged protein per well

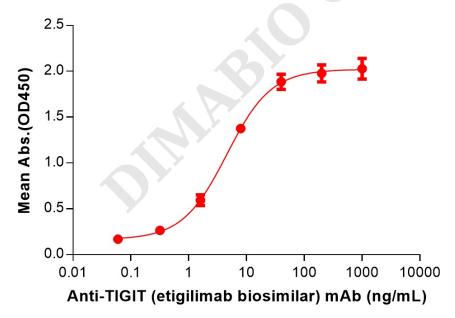


Figure 4. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human TIGIT Protein, hFc Tag (PME100107) can bind Anti-TIGIT (etigilimab biosimilar) mAb (BME100024) in a linear range of 0.32–8 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com

