

Datasheet for ABIN6961182

TIGIT Protein (mFc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	TIGIT
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIGIT protein is labelled with mFc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human TIGIT Protein with C-terminal mouse Fc tag
Specificity:	TIGIT (Met22-Pro141) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TIGIT
Alternative Name:	TIGIT (TIGIT Products)
Background:	Synonyms: TIGIT, VSIG9, VSTM3

Target Details

Description: This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin 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

Molecular Weight: predicted molecular mass of 39.24 kDa after removal of the signal peptide. The apparent molecular mass of TIGIT-mFc is 40-53 kDa due to glycosylation.

Gene ID: 201633

UniProt: [Q495A1](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

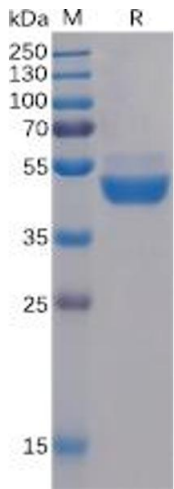
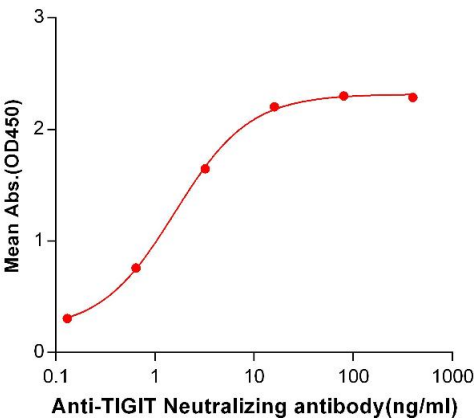
Storage: -20 °C, -80 °C

Storage Comment: 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 at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human TIGIT, mFc Tagged protein ELISA

0.2 µg of TIGIT, mFc Tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human TIGIT, mFc tagged protein (ABIN6961182) can bind Anti-TIGIT Neutralizing antibody in a linear range of 0.13-16.0 ng/mL.

SDS-PAGE

Image 2. Human TIGIT Protein, mFc Tag on SDS-PAGE under reducing condition.