

**PRODUCT INFORMATION**

<b>Common Name</b>	AGX101
<b>Synonyms</b>	M3S1;TAAL6
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Humanized
<b>Package</b>	50 µg \$80.00 ; 100 µg \$160.00
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	TM4SF1
<b>Uniprot ID</b>	P30408
<b>Description</b>	Anti-TM4SF1 (AGX101 biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only

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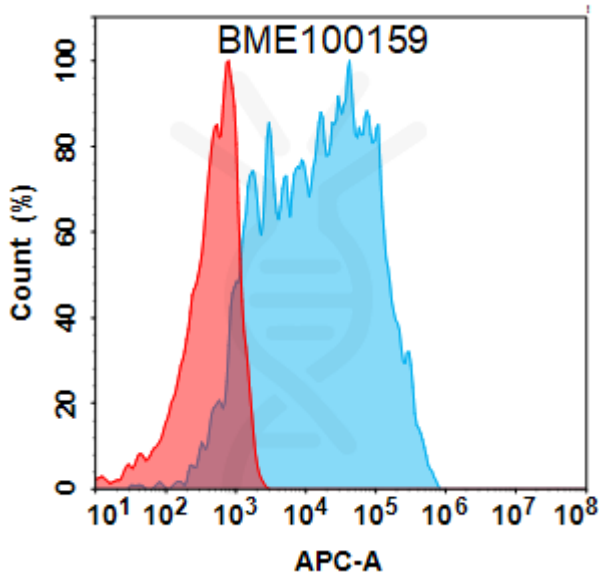


Figure 1. Flow cytometry analysis with 1  $\mu\text{g}/\text{mL}$  Anti-TM4SF1 (AGX101 biosimilar) mAb (BME100159) on Expi293 cells transfected with Human TM4SF1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

### ELISA assay to evaluate TM4SF1-MNPs

0.5  $\mu\text{g}$  Human TM4SF1-MNPs per well

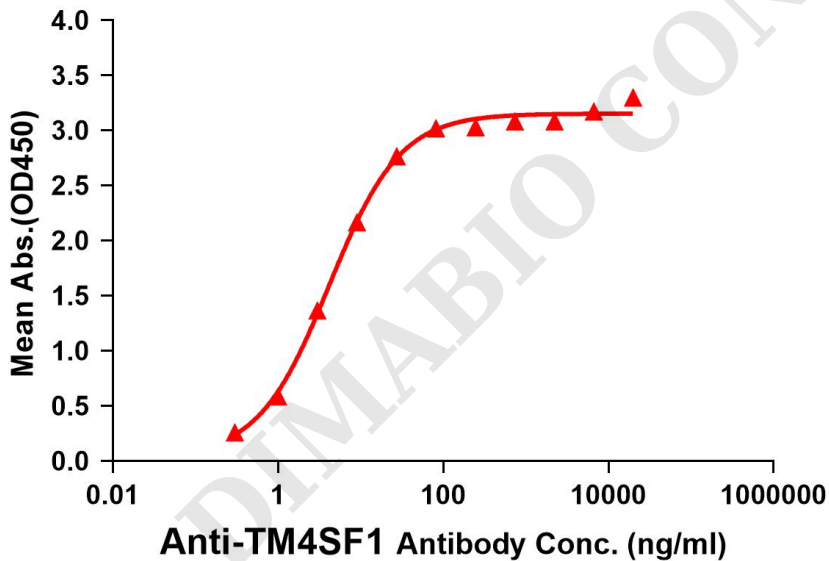


Figure 2. ELISA plates were pre-coated with 0.5  $\mu\text{g}/\text{well}$  purified human TM4SF1 full length membrane nanoparticles (Cat# FLP100021). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for Anti-TM4SF1 (AGX101 biosimilar) mAb binding with TM4SF1 MNPs (Cat# FLP100021) is 4.174 ng/ml.



### ELISA assay to evaluate TM4SF1-Nanodisc 0.2µg Human TM4SF1-Nanodisc per well

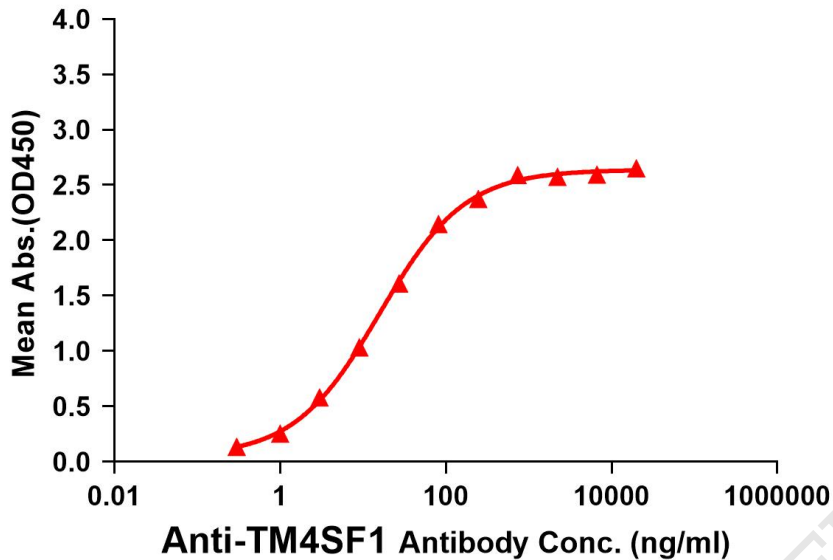


Figure 3. ELISA plates were pre-coated with Flag Tag TM4SF1-Nanodisc (Cat# FLP100022, 0.2µg/per well). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) binding with TM4SF1-Nanodisc (Cat# FLP100022) is 15.97ng/ml.

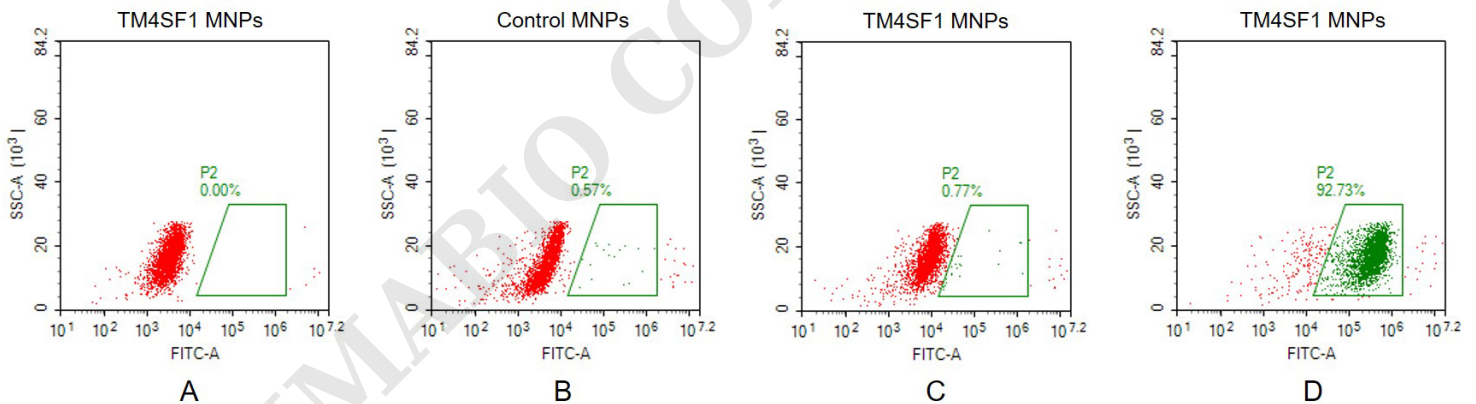


Figure 4. FACS analysis of TM4SF1 MNPs (Cat# FLP100021)

A. TM4SF1 MNP (Cat# FLP100021) were stained only with Goat anti-human 2nd antibody.

B. Negative control MNP samples were stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) at 2µg/mL, followed by Goat anti-human IgG 488 secondary antibody.

C. TM4SF1 MNP (Cat# FLP100021) samples were stained with anti-CCR8 antibody (an irrelevant antibody) at 2µg/mL, followed by Goat anti-human 2nd antibody.

D. TM4SF1 MNP (Cat# FLP100021) samples were stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) at 2µg/mL, followed by Goat anti-human 2nd antibody.

