

## **PRODUCT INFORMATION**

Synonyms

Conjugate Unconjugated Recommended Dilutions Flow Cyt 1:100

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. Formulation & Reconstitution

**Host Species** Humanized IgG type Reactivity Human IgG1 - kappa Human Target Uniprot ID TM4SF1 P30408

Description Anti-TM4SF1 (AGX101 biosimilar) mAb

Delivery In Stock

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. Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

Research use only Storage & Shipping

Background

Usage

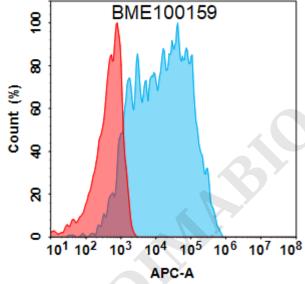


Figure 1. Flow cytometry analysis with 1  $\mu$ g/mL Anti-TM4SF1 (AGX101 biosimilar) mAb (BME100159) on HEK293 cells transfected with Human TM4SF1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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## ELISA assay to evaluateTM4SF1-MNPs 0.5µg Human TM4SF1-MNPs per well

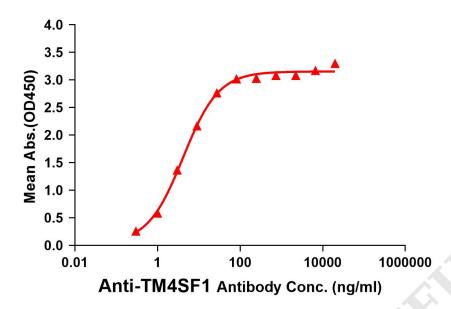


Figure 2. ELISA plates were pre-coated with 0.5µg/per well purified human TM4SF1 full length membrane nanoparticles (Cat# FLP100021). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above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

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

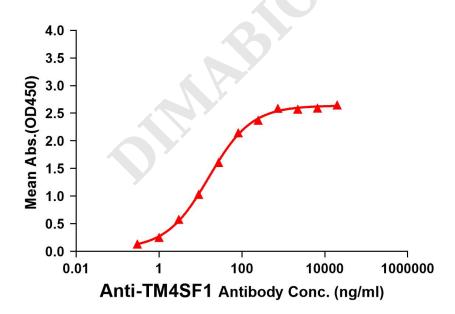


Figure 3. ELISA plates were pre-coated with Flag Tag TM4SF1-Nanodisc (Cat# FLP100022, 0.2µg/per well). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# BME100159) were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for Anti-TM4SF1 (AGX101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

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Cat. No. BME100159



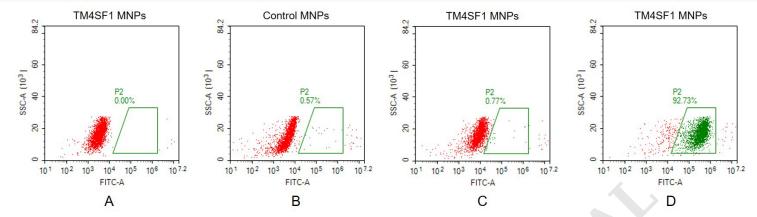


Figure 4. FACS analysis of TM4SF1 MNPs (Cat# FLP100021)

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# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# PME100150) of the pmen stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (C

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.

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