

Product Datasheet

TM4SF1 Biosimilar Antibody (orb1743394)

Catalog Number	orb1743394
Category	Antibodies
Description	Anti-TM4SF1 (AGX101 biosimilar) mAb
Target	TM4SF1
Clonality	Monoclonal
Species/Host	Human Humanized
Isotype	Human IgG1 - kappa
Conjugation	Unconjugated
Reactivity	Human
Reconstitution	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.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	P30408
Tested applications	FC
Dilution range	Flow Cyt 1:100
Antibody Type	Biosimilar Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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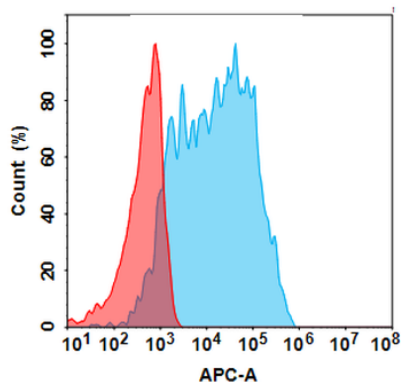
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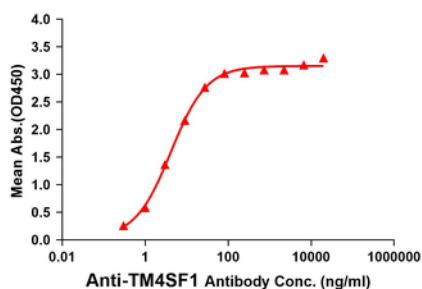
Note For research use only

Expiration Date 12 months from date of receipt.



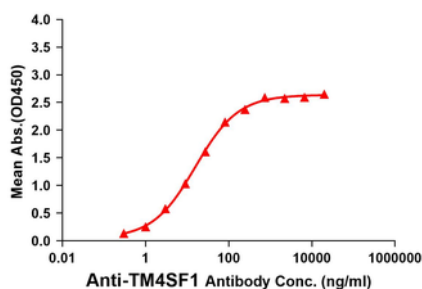
Flow cytometry analysis with 1 µg/mL Anti-TM4SF1 (AGX101 biosimilar) mAb (orb1743394) on Expi293 cells transfected with Human TM4SF1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ELISA assay to evaluate TM4SF1-MNPs
0.5µg Human TM4SF1-MNPs per well



ELISA plates were pre-coated with 0.5 µg/per well purified human TM4SF1 full length membrane nanoparticles (Cat# orb1743250). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# orb1743394) 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# orb1743250) is 4.174 ng/ml.

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



ELISA plates were pre-coated with Flag Tag TM4SF1-Nanodisc (Cat# orb1743247, 0.2 µg/per well). Serial diluted Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# orb1743394) were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 for Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# orb1743394) binding with TM4SF1-Nanodisc (Cat# orb1743247) is 15.97 ng/ml.

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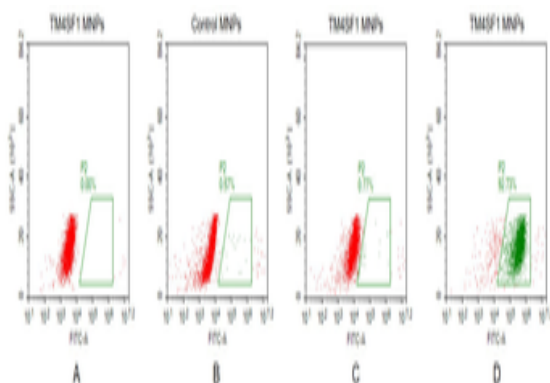
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FACS analysis of TM4SF1 MNPs (Cat# orb1743250).A. TM4SF1 MNP (Cat# orb1743250) were stained only with Goat anti-human 2nd antibody.B. Negative control MNP samples were stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# orb1743394) at 2 μ g/mL, followed by Goat anti-human IgG 488 secondary antibody.C. TM4SF1 MNP (Cat# orb1743250) samples were stained with anti-CCR8 antibody (an irrelevant antibody) at 2 μ g/mL, followed by Goat anti-human 2nd antibody.D. TM4SF1 MNP (Cat# orb1743250) samples were stained with Anti-TM4SF1 (AGX101 biosimilar) mAb (Cat# orb1743394) at 2 μ g/mL, followed by Goat anti-human 2nd antibody.

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