

## Product Datasheet

### 5T4 Biosimilar Antibody (orb1743395)

<b>Catalog Number</b>	orb1743395
<b>Category</b>	Antibodies
<b>Description</b>	Anti-5T4 (GEN-1044 biosimilar) mAb
<b>Target</b>	5T4
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human Humanized
<b>Isotype</b>	Human IgG1 - kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>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>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>UniProt ID</b>	<b>Q13641</b>
<b>Tested applications</b>	ELISA, FC
<b>Dilution range</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Antibody Type</b>	Biosimilar Antibody
<b>Storage</b>	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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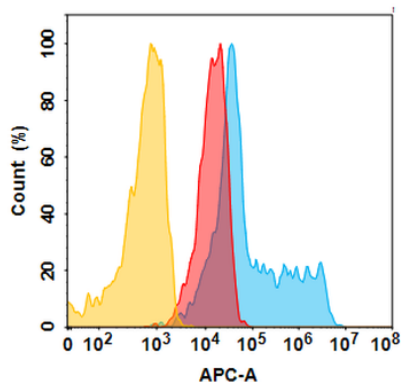
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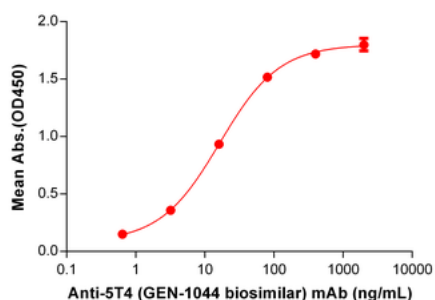
**Note** For research use only

**Expiration Date** 12 months from date of receipt.



5T4 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 15 µg/mL Anti-5T4 (GEN-1044 biosimilar) mAb (orb1743395) on Expi293 cells transfected with human 5T4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram)

**Anti-5T4 (GEN-1044 biosimilar) mAb ELISA**  
0.2 µg of Human 5T4, His tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human 5T4 Protein, His Tag (orb757424) can bind Anti-5T4 (GEN-1044 biosimilar) mAb (orb1743395) in a linear range of 0.64–16 ng/ml.

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