

5T4 MAB (GEN-1044 MAB)

Cat.#: 28150

Product Name: Anti-5T4 (GEN-1044) Monoclonal Antibody

Synonyms: M6P1;WAIF1;TPBG

Description: Anti-5T4 (GEN-1044) Monoclonal Antibody

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

Applications: ELISA; Flow Cyt

Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100

Host Species: Humanized

Isotype: IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human 5T4

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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).

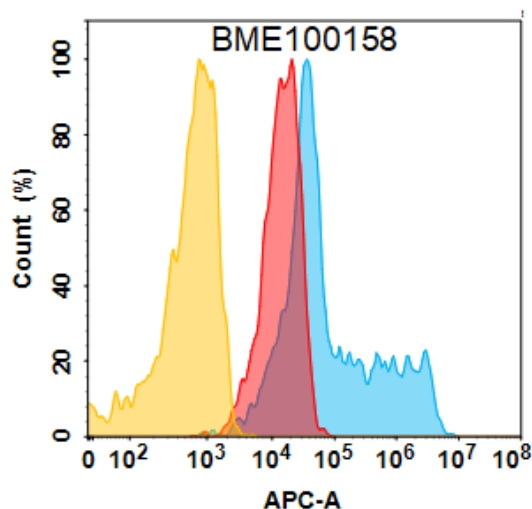


Figure 1. 5T4 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 15 $\mu\text{g}/\text{mL}$ Anti-5T4 (GEN-1044 biosimilar) mAb (28150) on Expi293 cells transfected with human 5T4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram)

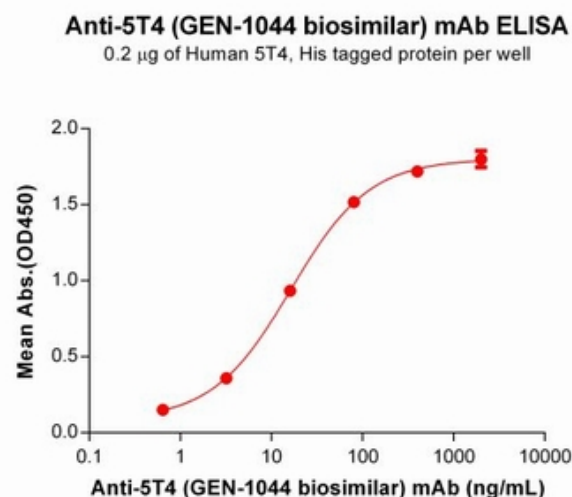


Figure 2. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{l}/\text{well}$) Human 5T4 Protein, His Tag (11232) can bind Anti-5T4 (GEN-1044 biosimilar) mAb (28150) in a linear range of 0.64-16 ng/mL.