PRODUCT INFORMATION

Common Name	H8, mAb5T4, Unconjugated mAb
Synonyms	M6P1;WAIF1;TPBG
Conjugate	Unconjugated
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Formulation & 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.
Host Species	Humanized
IgG type	Human IgG1 – kappa
Reactivity	Human
Target	5T4
Uniprot ID	Q13641
Description	Anti-5T4 (H8 biosimilar) mAb
Delivery	In Stock
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). Lyophilized proteins are shipped at ambient temperature.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. Our unconjugated biosimilar monoclonal antibodies (mAbs) are based on the sequences outlined in relevant patents or scientific publications. These antibodies are in their native, unconjugated form, meaning they do not contain any payload or therapeutic agent attached. They are designed for use in research and development, and their performance has been tested as standalone molecules through comprehensive QC tests.
Usage	Research use only

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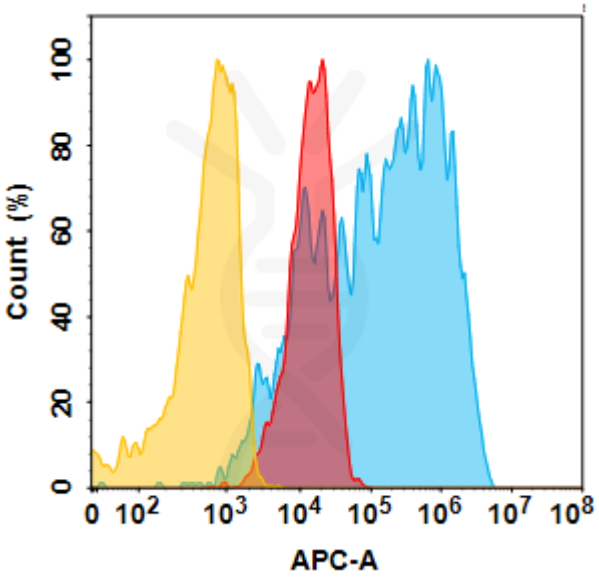

Figure 1. 5T4 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with 15 μg/mL Anti-5T4 (H8 biosimilar) mAb (BME100157) on HEK293 cells transfected with human 5T4 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram),and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram)

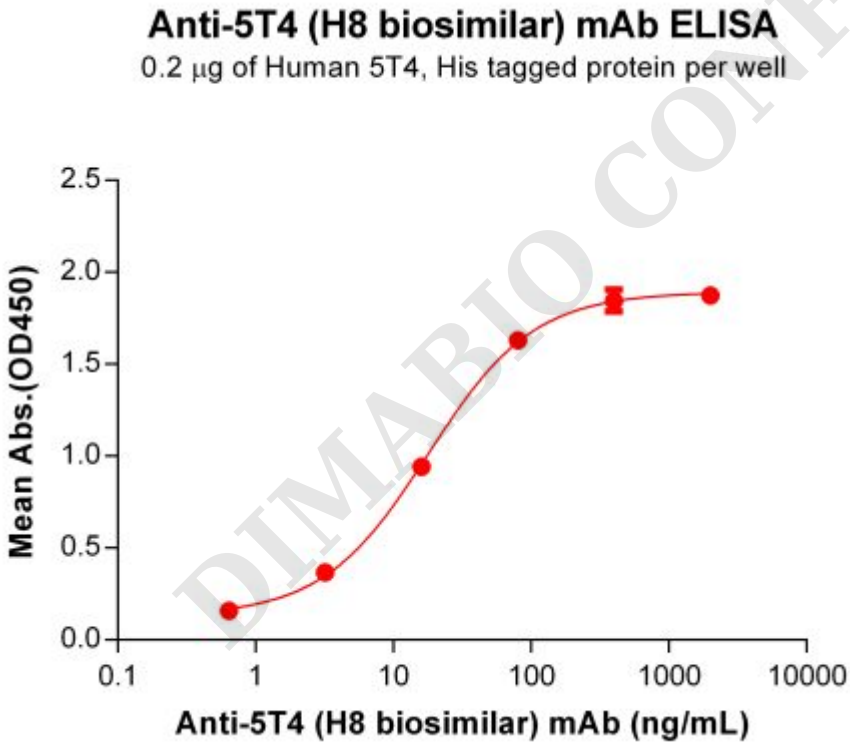

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human 5T4 Protein, His Tag (PME100123) can bind Anti-5T4 (H8 biosimilar) mAb (BME100157) in a linear range of 0.64–16 ng/mL.

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