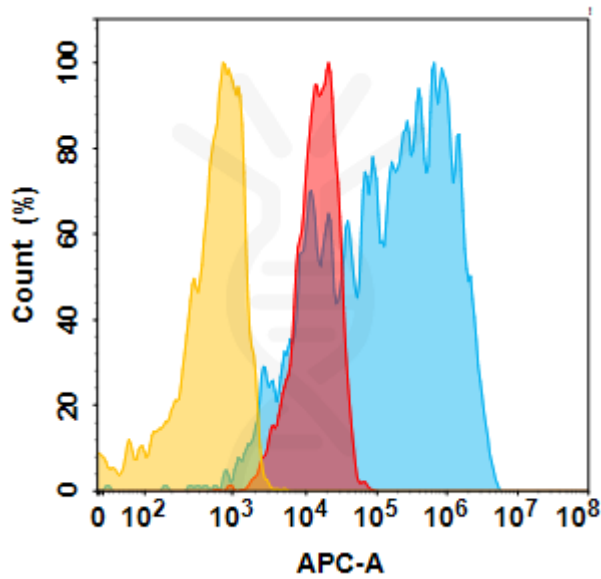


**PRODUCT INFORMATION**

|   |   |
|---|---|
| <b>Common Name</b>                      | H8, mAb5T4, Unconjugated mAb  |
| <b>Synonyms</b>                         | M6P1;WAIF1;TPBG   |
| <b>Conjugate</b>                        | Unconjugated  |
| <b>Applications</b>                     | ELISA; Flow Cyt   |
| <b>Endotoxin</b>                        | Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.  |
| <b>Recommended Dilutions</b>            | ELISA 1:5000-10000; Flow Cyt 1:100  |
| <b>Formulation &amp; 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>Host Species</b>                     | Humanized   |
| <b>IgG type</b>                         | Human IgG1 - kappa  |
| <b>Reactivity</b>                       | Human   |
| <b>Target</b>                           | 5T4   |
| <b>Uniprot ID</b>                       | Q13641  |
| <b>Description</b>                      | Anti-5T4 (H8 biosimilar) mAb  |
| <b>Delivery</b>                         | In Stock  |
| <b>Storage&amp;Shipping</b>             | 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.   |
| <b>Background</b>                       | 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. |
| <b>Usage</b>                            | Research use only   |

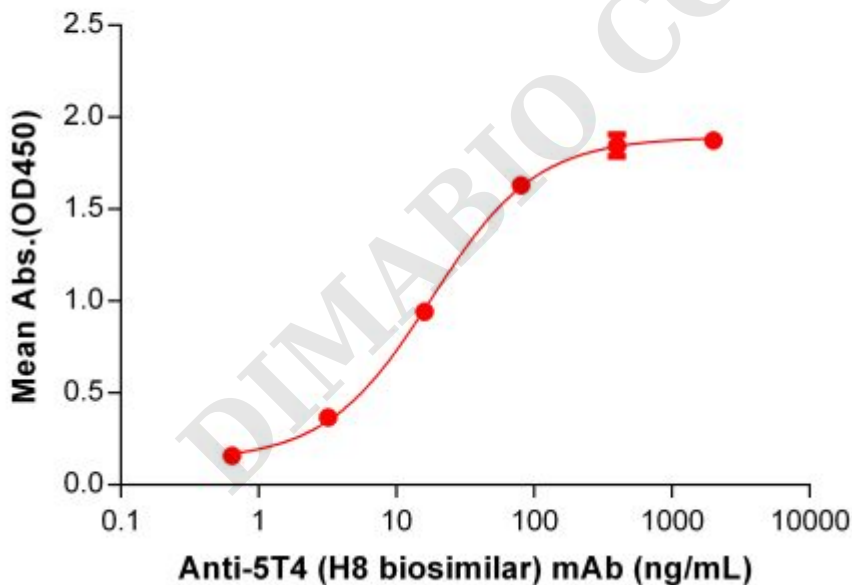




**Figure 1.** 5T4 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with 15 µg/mL Anti-5T4 (H8 biosimilar) mAb (BME100157) on HEK293 cells transfected with human 5T4 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody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

### Anti-5T4 (H8 biosimilar) mAb ELISA

0.2 µg of Human 5T4, His tagged protein per well



**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.

