

PRODUCT INFORMATION

Clone ID DM137
Target 5T4
Synonyms 5T4
Host Species Rabbit

Description Anti-5T4 antibody(DM137); Rabbit mAb

Delivery In Stock
Uniprot ID Q13641
IgG type Rabbit IgG
Clonality Monoclonal
Reactivity Human

Applications ELISA; Flow Cyt

Recommended Dilutions

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

Purification Purified from cell culture supernatant by affinity

chromatography

Formulation & Reconstitution

Background

DIMA Disclaimer

Storage & Shipping

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.

Store at -20°C to -80°C for 12 months in lyophilized for use within a month aliquet and

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many

tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing

in the 5' UTR results in multiple transcript variants that encode the same protein.

Usage Research use only

Conjugate Unconjugated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

Email: info@dimabio.com Website: www.dimabio.com

actively scrutinizing all patent application to

ensure no IP infringement.



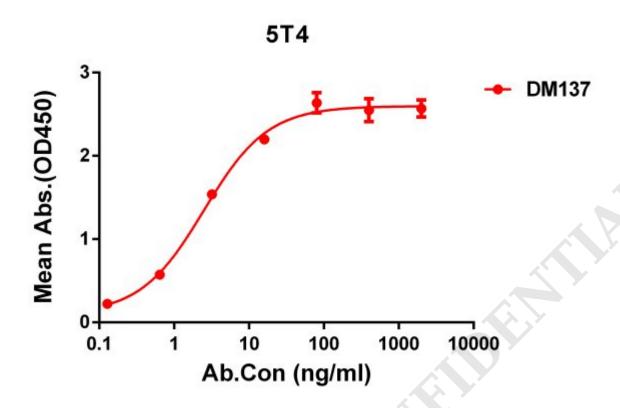


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human 5T4 protein, His tagged protein ([getskuurl sku="PME100123"]) can bind Rabbit anti-5T4 monoclonal antibody(clone: DM137) in a linear range of 0.1-16 ng/ml.

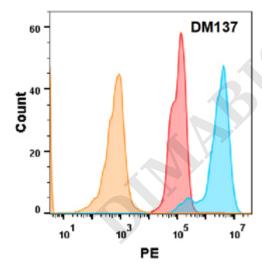


Figure 2. 5T4 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-5T4 (DM137) on Expi293 cells transfected with human 5T4 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram)

