

PRODUCT INFORMATION

Synonyms

Conjugate Unconjugated

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

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. Formulation & Reconstitution

Host Species Humanized IgG type Reactivity Human IgG1 - kappa Human Target Uniprot ID Her2 P04626

Description Anti-Her2 (trastuzumab biosimilar)mAb

In Stock Delivery

Background

Storage & SI

Usage

Anti-Her2 (trastuzumab biosimilar) mAb ELISA

0.1 µg of Human Her2, His tagged protein per well

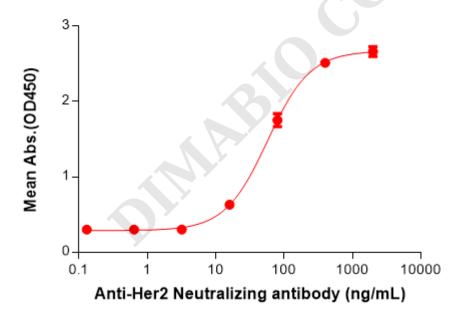


Figure 1. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human Her2, His tagged protein (PME100095) can bind Anti-Her2 (trastuzumab biosimilar) mAb (BME100048) in a linear range of 3.2-400 ng/ml.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

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





Anti-Her2 (trastuzumab biosimilar)mAb ELISA

0.1 μg of Human Her2, hFc tagged protein per well

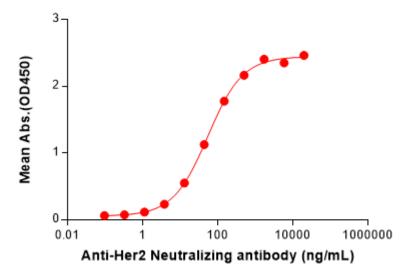


Figure 2. ELISA plate pre-coated by 1 μ g/mL (100 μ L/well) Human Her2 Protein, hFc Tag (PME100665) can bind Anti-Her2 (trastuzumab biosimilar) mAb (BME100048) in a linear range of 3.81-1730.10 ng/mL. In order to specifically detect BME100048, mouse anti-human Fab-specific antibody was used as detection antibody.

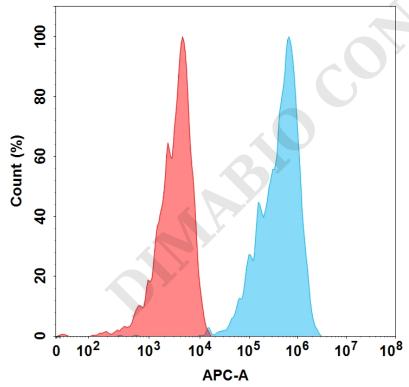


Figure 3. Flow cytometry analysis with 15 μ g/mL Anti-Her2 (trastuzumab biosimilar) mAb (BME100048) on HEK293 cells transfected with Human Her2 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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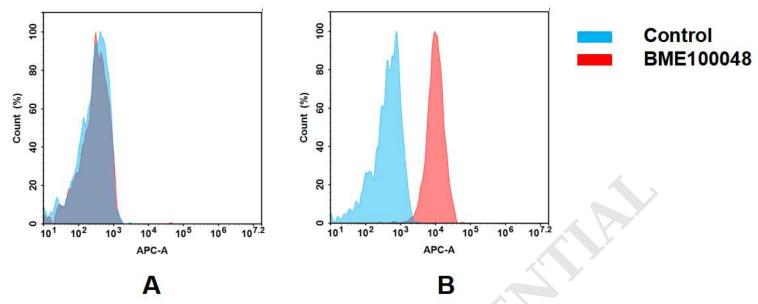


Figure 4. Flow cytometry analysis of antigen binding of anti-human Her2 mAb(BME100048). (A) BME100048 does not bind to Jurkat cells that do not express Her2. (B) A clear peak shift of BME100048 was seen compared to the control when incubated with Her2-expressing MCF-7 cells, indicating strong binding of BME100048 to Her2. Antibodies were incubated at 2 μ g/mL.

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/+86-400-006-0995(China)

