

## HER2 MAB (TRASTUZUMAB)

目录: 28056

产品名称: Her2 (Trastuzumab) Monoclonal Antibody

基因符号: ERBB2;D340;ER-2:neu;ER2;LN19;EU;GL;KR1

描述: Her2 (trastuzumab biosimilar) Monoclonal Antibody

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

经过测试的应用: ELISA; Flow Cyt

推荐稀释度: ELISA 1:5000-10000; Flow Cyt 1:100

种属反应性: Humanized

亚型: IgG1

纯化: Purified from cell culture supernatant by affinity chromatography

种属反应性: Human Her2

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

储存和运输: 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).

## Anti-ERBB2 (trastuzumab biosimilar) mAb ELISA

0.1 µg of Human ERBB2, His tagged protein per well

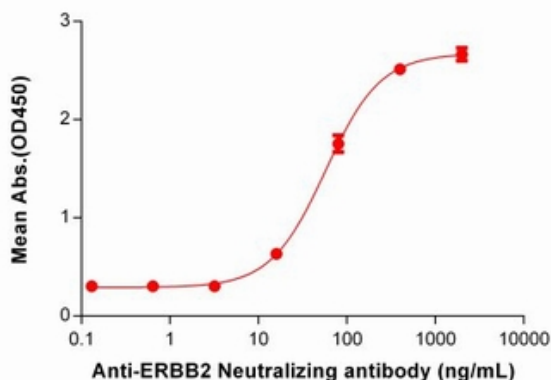


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human Her2, His tagged protein 11214 can bind Her2 Neutralizing antibody (28056) in a linear range of 3.2-400 ng/ml.

## Anti-ERBB2 (trastuzumab biosimilar) mAb ELISA

0.1 µg of Human Her2, hFc tagged protein per well

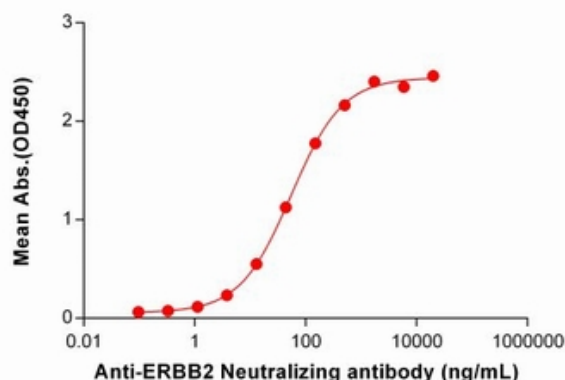


Figure 2. ELISA plate pre-coated by 1 µg/mL (100 µl/well) Human Her2 Protein, hFc Tag (11461) can bind Her2 Neutralizing antibody (28056) in a linear range of 3.81-1730.10 ng/mL. In order to specifically detect 28056, mouse human Fab-specific antibody was used as detection antibody.

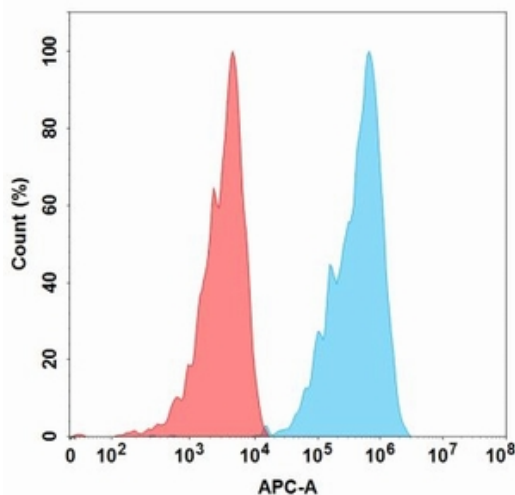


Figure 3. Flow cytometry analysis with 15 µg/mL Her2 (trastuzumab) mAb (28056) on Expi293 cells transfected with Human Her2 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).