

12-90033: Anti-Her3(seribantumab biosimilar) mAb

Application : ELISA
Reactivity : Human
Gene : HER3
Uniprot ID : P21860
Alternative Name : HER3, ERBB3
Isotype : IgG2(S257A)

Description

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

Product Info

Amount : 50µg / 100µg
Content : 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.
Storage condition : 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 antibodies are shipped at ambient temperature.

Application Note

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

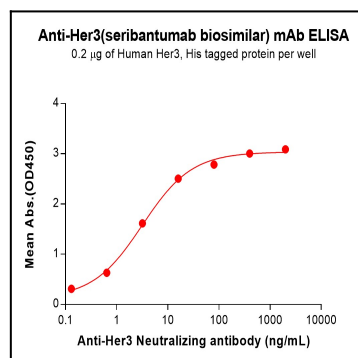


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human Her3 Protein, His Tag can bind Anti-Her3(seribantumab biosimilar) mAb (12-90033) in a linear range of 0.13–16 ng/mL.

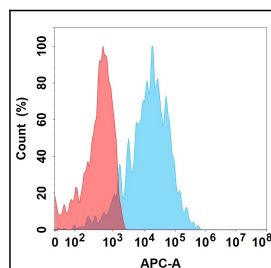


Figure 2. Flow cytometry analysis with 1µg/mL Anti-Her3(seribantumab biosimilar) mAb (12-90033) on Expi293 cells transfected with Human Her3 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

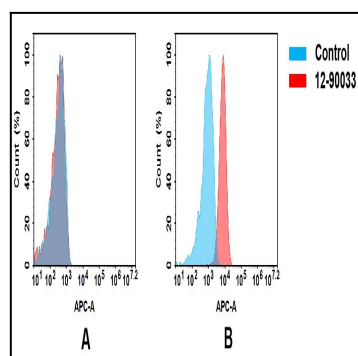


Figure 3: Flow cytometry analysis of antigen binding of anti-human Her3 mAb (12-90033). (A) 12-90033 does not bind to 293T cells that do not express Her3. (B) A clear peak shift of BME100244 was seen compared to the control when incubated with Her3-expressing HT55 cells, indicating strong binding of 12-90033 to Her3. Antibodies were incubated at 5 µg/mL.