

12-90019: Anti-ACVR2B(bimagrumab biosimilar) mAb

Application : ELISA
Reactivity : Human
Gene : ACVR2B
Uniprot ID : Q13705
Alternative Name : AVR2B; ACTR-IIB
Isotype : IgG1(K97R,L117A,L118A)

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

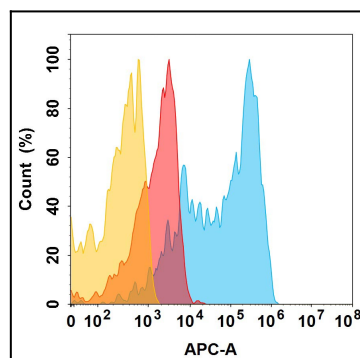


Figure 1. Flow cytometry analysis with 15µg/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (12-90019) on Expi293 cells transfected with Human ACVR2B protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

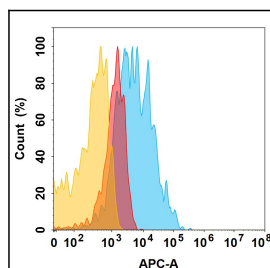


Figure 2. Flow cytometry analysis with 1µg/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (12-90019) on Expi293 cells transfected with Human ACVR2A protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

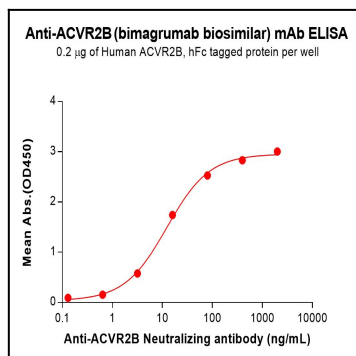


Figure 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ACVR2B Protein, hFc Tag (PME101551) can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (12-90019) in a linear range of 0.64-80 ng/mL. In order to specifically detect 12-90019, mouse anti-human Fab-specific antibody was used as detection antibody.

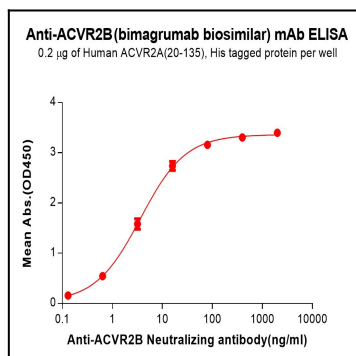


Figure 4. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ACVR2A Protein, His Tag can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (12-90019) in a linear range of 0.13-16 ng/mL.

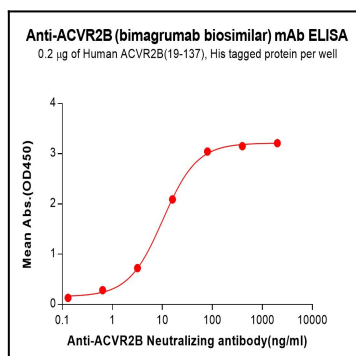


Figure 5. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ACVR2B(19-137) Protein, His Tag can bind Anti-ACVR2B (bimagrumab biosimilar) mAb (12-90019) in a linear range of 0.64-80 ng/mL.