PRODUCT INFORMATION

Common Name	BYM338
Synonyms	AVR2B; ACTR-IIB
Applications	ELISA, Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
Formulation & Reconstitution	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.
Host Species	Homo sapiens
IgG type	IgG1(K97R,L117A,L118A)
Reactivity	Human
Target	ACVR2B
Uniprot ID	Q13705
Description	Anti-ACVR2B(bimagrumab biosimilar) mAb
Delivery	In Stock
Storage & Shipping	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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 actively scrutinizing all patent application to ensure no IP infringement.

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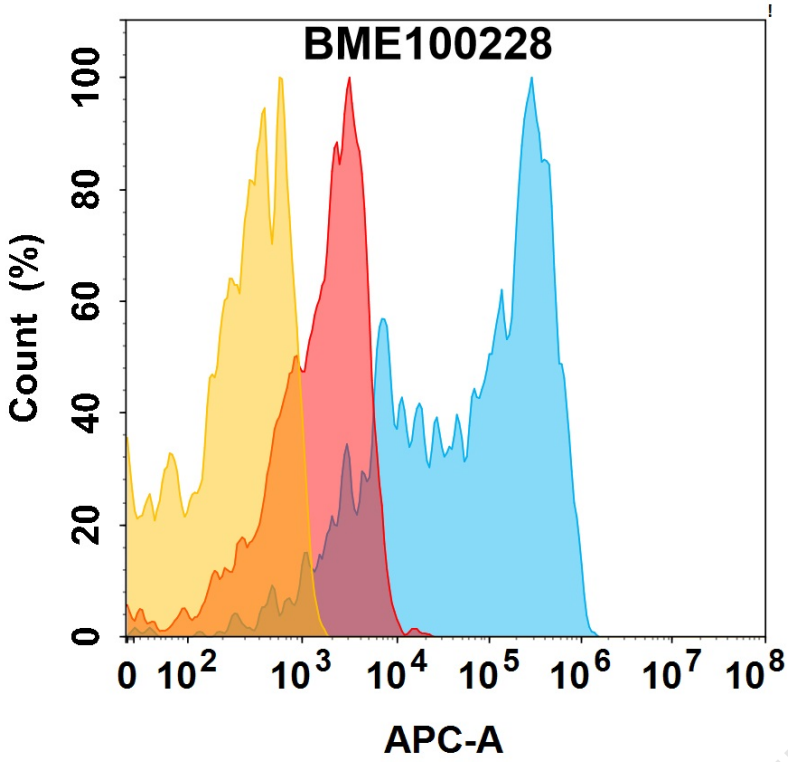

Figure 1. Flow cytometry analysis with 15μg/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (BME100228) on Expi293 cells transfected with Human ACVR2B protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

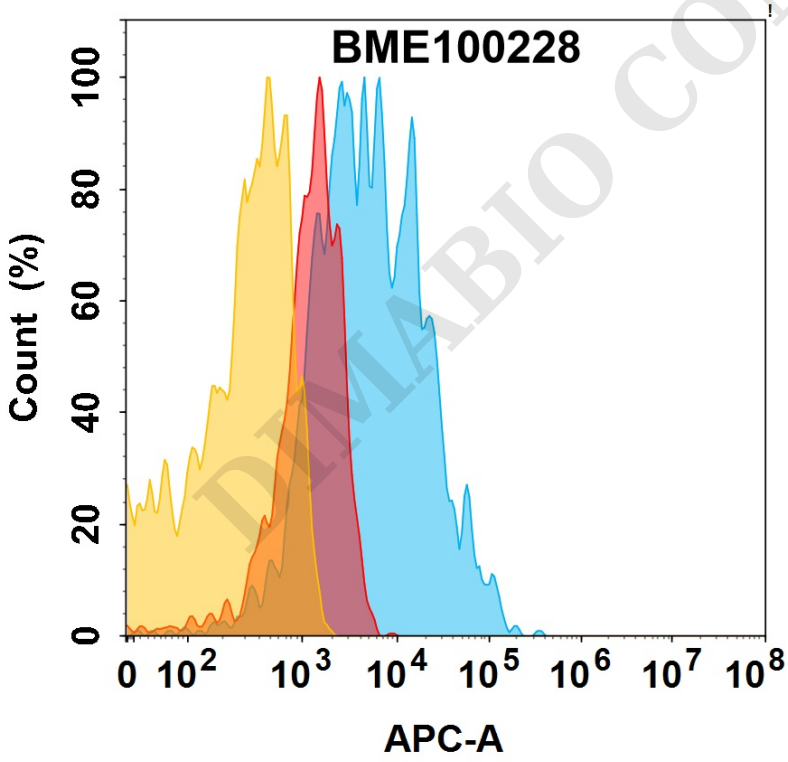

Figure 2. Flow cytometry analysis with 1μg/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (BME100228) on Expi293 cells transfected with Human ACVR2A protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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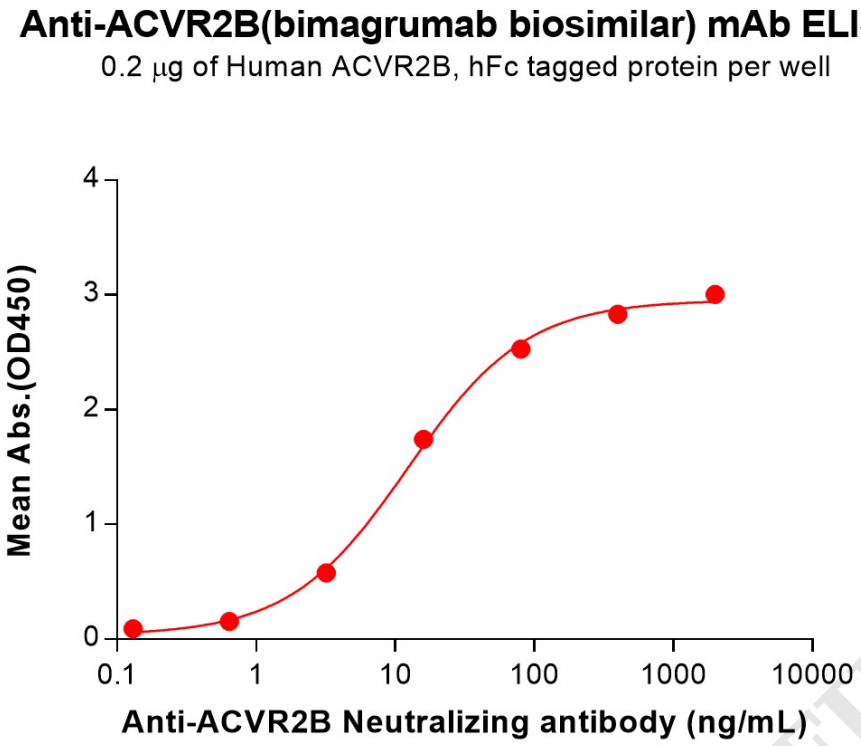

Figure 3. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human ACVR2B Protein, hFc Tag (PME101551) can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (BME100228) in a linear range of 0.64–80 ng/mL.In order to specifically detect BME100228, mouse anti-human Fab-specific antibody was used as detection antibody.

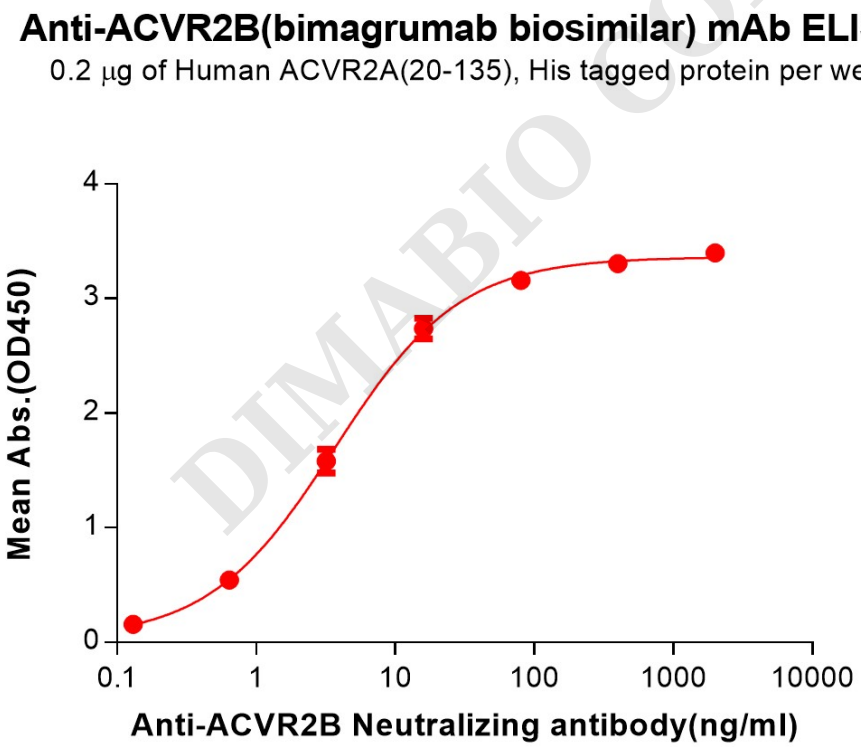

Figure 4. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human ACVR2A(20-135) Protein, His Tag (PME101716) can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (BME100228) in a linear range of 0.13–16 ng/mL.

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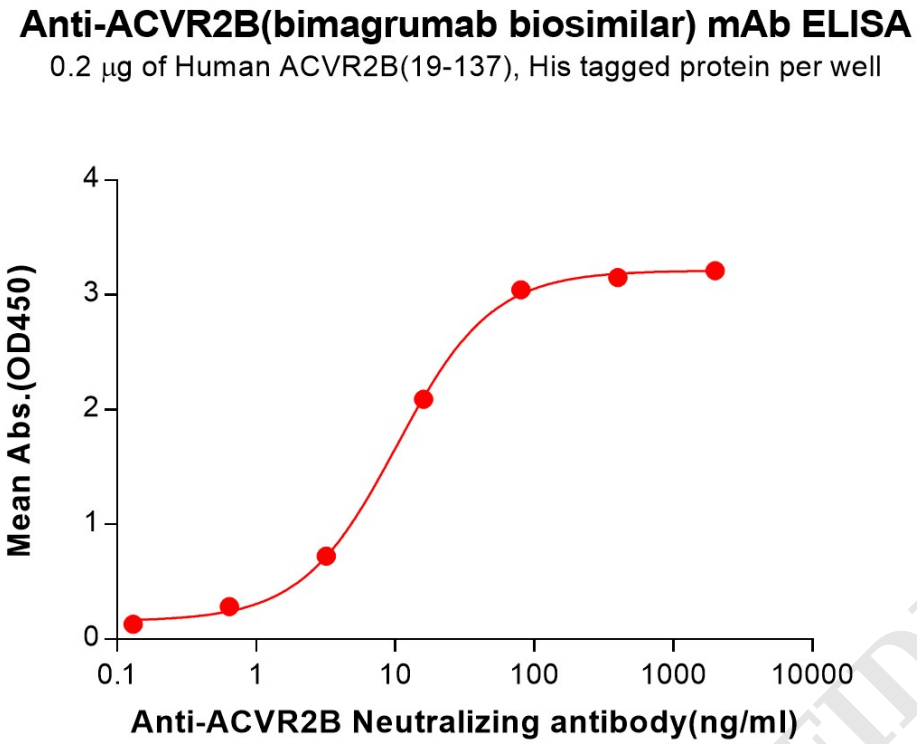

Figure 5. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human ACVR2B(19-137) Protein, His Tag (PME101717) can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (BME100228) in a linear range of 0.64–80 ng/mL.

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