

Homo sapiens anti-Human ACVR2B Antibody | anti-ACVR2B antibody

Anti-ACVR2B (bimagrumab biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129435	Homo sapiens	Human	Flow Cytometry, Functional Assay, ELISA

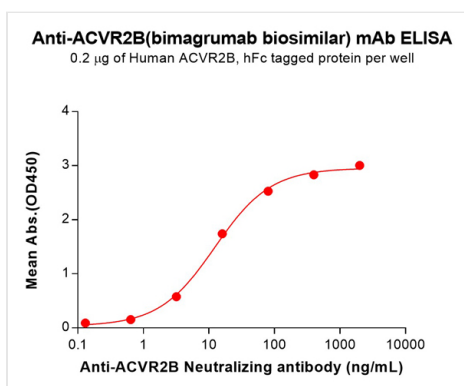
PRODUCT SYNONYMS

ACVR2B; Anti-ACVR2B (bimagrumab biosimilar) mAb; AVR2B; ACTR-IIB; BYM338; anti-ACVR2B antibody

PRODUCT SPECIFICATIONS

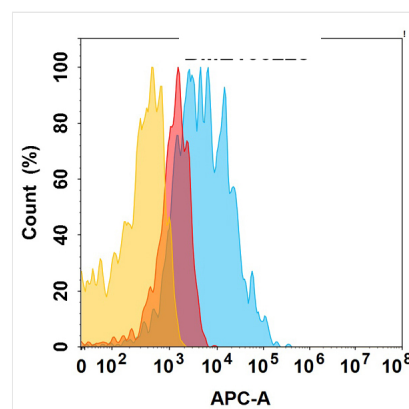
Host	Homo sapiens
Reactivity	Human
Isotype	IgG1 (K97R,L117A,L118A)
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-ACVR2B antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



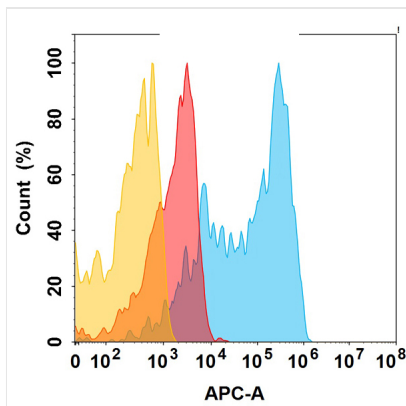
ELISA

Figure 3. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human ACVR2B Protein, hFc Tag can bind Anti-ACVR2B(bimagrumab biosimilar) mAb (AAA129435) in a linear range of 0.64–80 ng/mL. In order to specifically detect AAA129435, mouse anti-human Fab-specific antibody was used as detection antibody.



FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry analysis with 1ug/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (AAA129435) on Expi293 cells transfected with Human ACVR2A protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



FCM/FACS (Flow Cytometry)

Figure 1. Flow cytometry analysis with 15ug/mL Anti-ACVR2B(bimagrumab biosimilar) mAb (AAA129435) on Expi293 cells transfected with Human ACVR2B protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACVR2B antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116734708
NCBI GeneID	93
NCBI Accession #	NP_001097.2
NCBI GenBank Nucleotide #	NM_001106.3
UniProt Accession #	Q13705; Q4VAV0
Molecular Weight	– Da
NCBI Official Full Name	activin receptor type-2B
NCBI Official Synonym Full Names	activin A receptor type 2B
NCBI Official Symbol	ACVR2B
NCBI Official Synonym Symbols	HTX4; ACTRIIB; ActR-IIB
NCBI Protein Information	activin receptor type-2B
UniProt Protein Name	Activin receptor type-2B
UniProt Gene Name	ACVR2B
UniProt Synonym Gene Names	ACTR-IIB
UniProt Entry Name	AVR2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.