PRODUCT INFORMATION

Target	ACVR2B
Description	Monoclonal Cell Line Derived from CHO-S Cells, Engineered for Stable Expression of mouse ACVR2B Using Lentiviral Technology
Host Cells	CHO-S
Uniprot ID	P27040
Applications	FACS Data
Growth media	DMEM+10% FBS+1% P.S+Gln+2 ug/mL Puromycin
Package	5E6 Cells/mL
Host Species	Mouse
Suggested Control	SKU: BME100228
Warranty and Disclaimer	1. Please inspect cells upon receipt and report any issues promptly. 2. We offer one-time replacements for issues reported within a week of receipt. 3. User-induced issues are not eligible for free replacements. 4. We do not accept liability for damages resulting from cell use, storage, or loss. 5. Feedback received more than one month after receipt will not be processed.
Storage&Shipping	Cells are shipped using dry ice and require liquid nitrogen storage for long term preservation.
Synonyms	ActRIIB; AI047905; 4930516B21Rik
Background	Enables activin binding activity; growth factor binding activity; and protein kinase activity. Involved in blood vessel remodeling; negative regulation of cold-induced thermogenesis; and vasculature development. Acts upstream of or within several processes, including animal organ development; embryonic morphogenesis; and insulin secretion. Predicted to be located in cytoplasm. Predicted to be part of activin receptor complex. Predicted to be active in plasma membrane. Is expressed in several structures, including alimentary system; egg cylinder; genitourinary system; nervous system; and sensory organ. Used to study right atrial isomerism and visceral heterotaxy. Human ortholog(s) of this gene implicated in visceral heterotaxy. Orthologous to human ACVR2B (activin A receptor type 2B). [provided by Alliance of Genome Resources, Apr 2022]
Usage	For research use only.

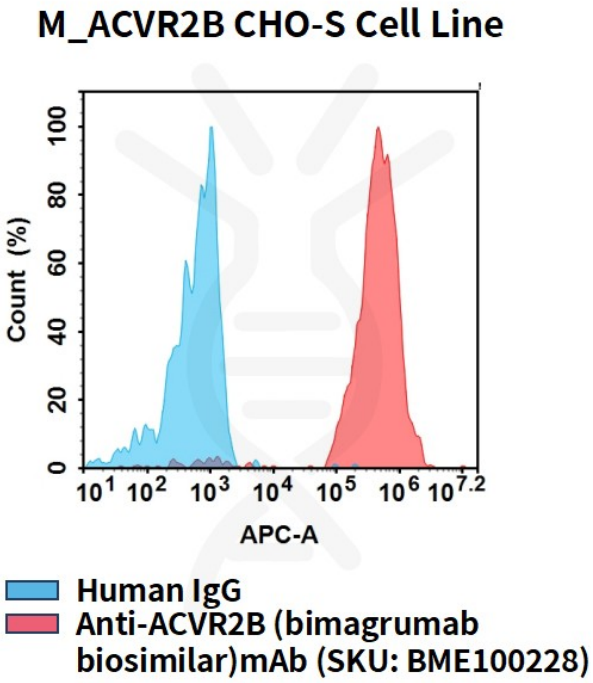

Figure 1. Flow cytometry analysis of mouse ACVR2B overexpression using M_ACVR2B CHO-S Cell Line (Cat. No. CEL100095) and Anti-ACVR2B (bimagrumab biosimilar)mAb (Cat. No. BME100228)