



# CERTIFICATE OF ANALYSIS

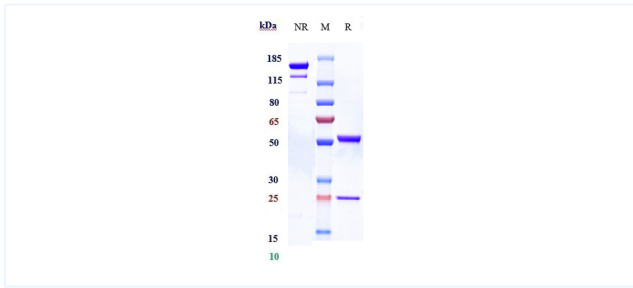


## Product Details

Product name:	Anti-ACVR2B Reference Antibody (bimagrumab)	Lot.No.:	P87933
Target:	ACVR2B	Catalog:	CHA108
Target Accession:	Q13705	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human, Mouse, Rat, Cynomolgus	Molecular Weight (kDa) :	142.78 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0   Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

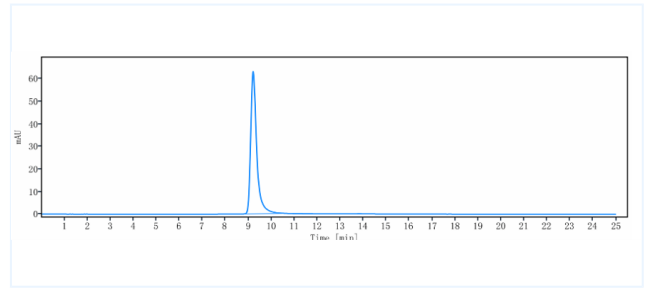
## Data

## Purity: SDS-PAGE



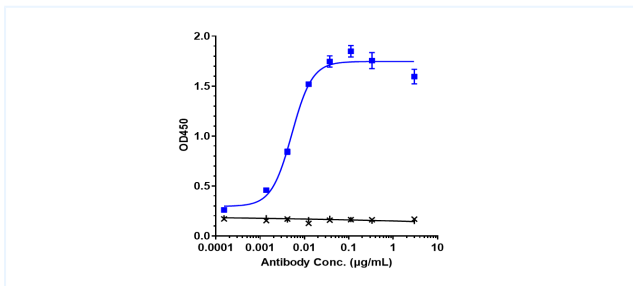
Anti-ACVR2B Reference Antibody (bimagrumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity: SEC-HPLC



The purity of Anti-ACVR2B Reference Antibody (bimagrumab) is 100%, determined by SEC-HPLC.

## Bioactivity: ELISA



Immobilized human ACVR2B chis at 2 ug/mL can bind Anti-ACVR2B Reference Antibody (bimagrumab), EC50=0.005171 ug/mL.

The products are for research use only. Not for use in diagnostic procedures.