



CERTIFICATE OF ANALYSIS

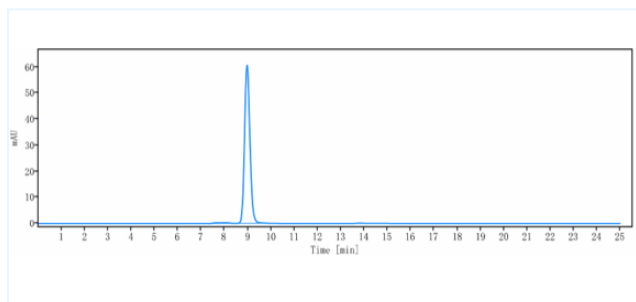


Product Details

Product name:	Anti-ANG2 & VEGFA Reference Antibody (Faricimab)	Lot.No.:	P14582
Target Name:	ANG2 & VEGFA	Catalog:	CHB426
Target Accession:	Q9UID3 & P15692	Concentration:	1.41 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	VEGFAHuman, Mouse, PigANG2:Human, Mouse, Cynomolgus, Rabbit, Pig [US20220073599]	Calculated MW:	292.8 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	Endotoxin:	<0.001 EU/ug
Contains:	No preservative	Conjugation:	Unconjugated
Formulation:	1 x PBS, pH 6.0	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditionsAvoid repeated freeze-thaw cycles.	Purification:	Protein A

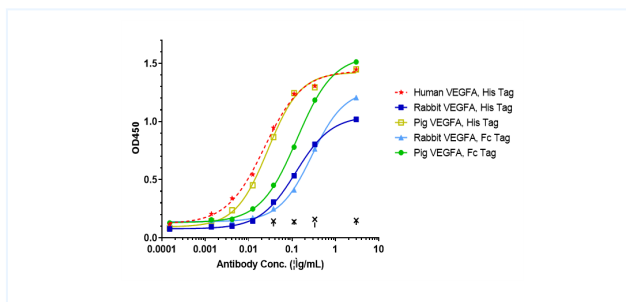
Data

Purity:SEC-HPLC



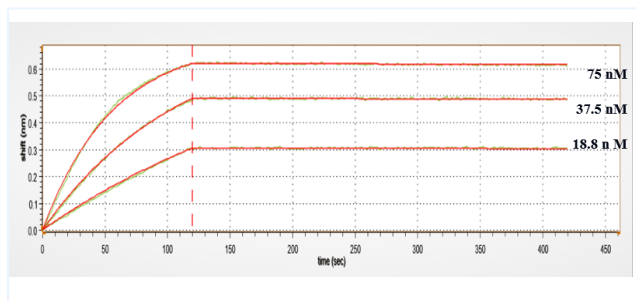
The purity of Anti-ANG2 & VEGFA Reference Antibody (Faricimab) is more than 95%, determined by SEC-HPLC.

ELISA



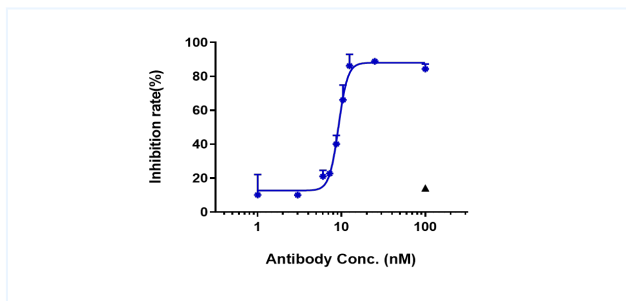
Immobilized VEGFA Protein at 2 g/mL can bind Anti-ANG2 & VEGFA Reference Antibody (Faricimab).

Kinetics (SPR)



Affinity constant of $1.25 \times 10^{-10} \text{M}$ as determined in BLI assay. Human ANGPT2, His Tag

Function:Proliferation Inhibition



Anti-ANG2 & VEGFA Reference Antibody (Faricimab)-Proliferation inhibition using HUVEC Cell. The maximum proliferation inhibition rate is about 80%

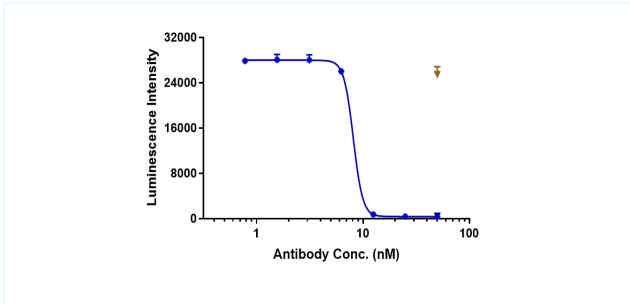
The products are for research use only. Not for use in diagnostic procedures.



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Function:Luciferase



Anti-ANG2 & VEGFA Reference Antibody (Faricimab) Luciferase Assay was evaluated using VEGFR2-NF-AT HEK293 Cell. The IC50 was approximately 8.449 nM

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