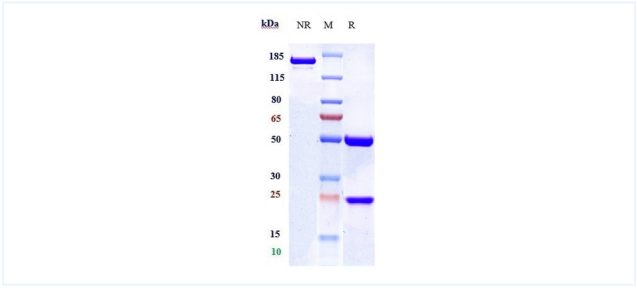
CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-CB1 / CNR1 Reference Antibody (nimacimab)	Lot.No.:	P225920
Target:	CB1 / CNR1 / CNR	Catalog:	CHA645
Target Accession:	Q96F85	Concentration :	4.19 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP
Reactivity:	Human	Molecular Weight (kDa) :	145 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

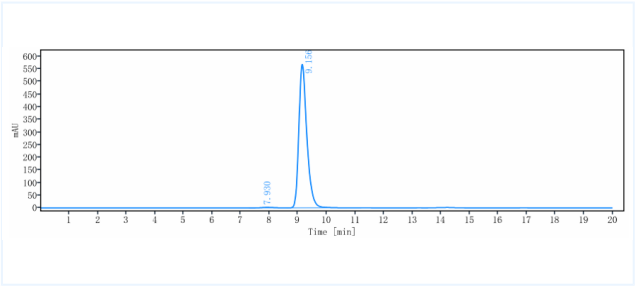
Data

Purity: SDS-PAGE



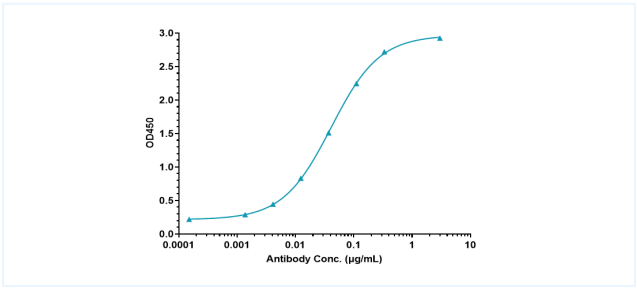
Anti-CB1 / CNR1 Reference Antibody (nimacimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



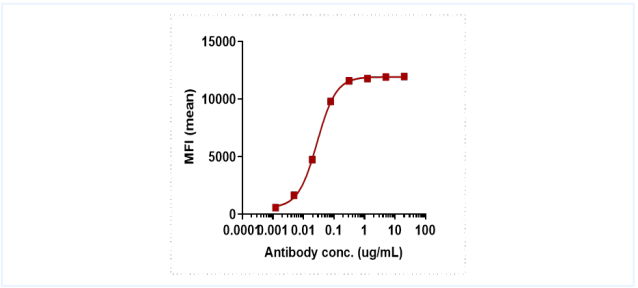
The purity of Anti-CB1 / CNR1 Reference Antibody (nimacimab) is 99.42%, determined by SEC-HPLC.

ELISA



Immobilized Human CB1 VLP at 5 ug/mL (30 uL/well) can bind Monoclonal Anti-CB1 / CNR1 Reference Antibody (nimacimab), The EC50 was approximately 0.04092 μg/ml.

Bioactivity: FACS



Human CB1 / CNR1 EGFP HEK293 Cell Line were stained with Anti-CB1 / CNR1 Reference Antibody (nimacimab) and negative control protein respectively, washed and then followed by APC and analyzed with FACS, EC50=0.028 ug/mL.

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

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