



CERTIFICATE OF ANALYSIS



Product Details

Product name:	Anti-FcRn (FCGRT & B2M) Reference Antibody (nipocalimab)	Lot.No.:	P214779
Target:	FcRn (FCGRT & B2M)	Catalog:	CHA917
Target Accession:	P55899	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	142.12 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

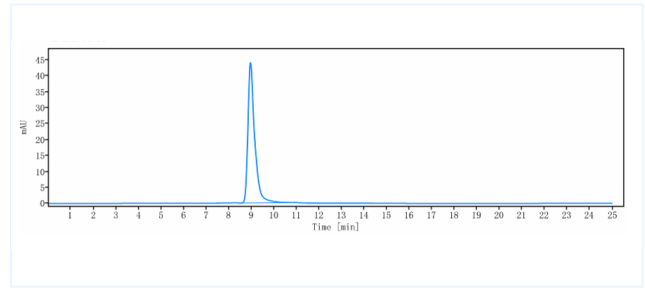
Data

Purity: SDS-PAGE



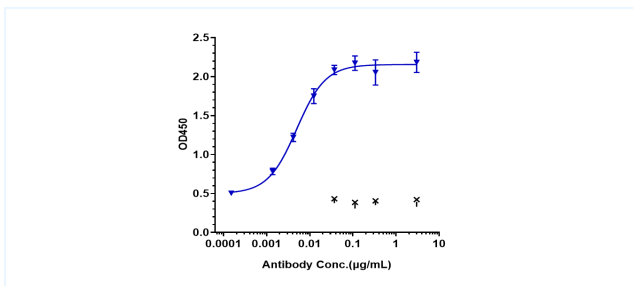
Anti-FcRn (FCGRT & B2M) Reference Antibody (nipocalimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-FcRn (FCGRT & B2M) Reference Antibody (nipocalimab) is 100%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human FcRn/FCGRT&B2M Heterodimer protein, His and Avi tag at 2 µg/mL can bind nipocalimab, EC50=0.004948 µg/mL.

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