



# CERTIFICATE OF ANALYSIS

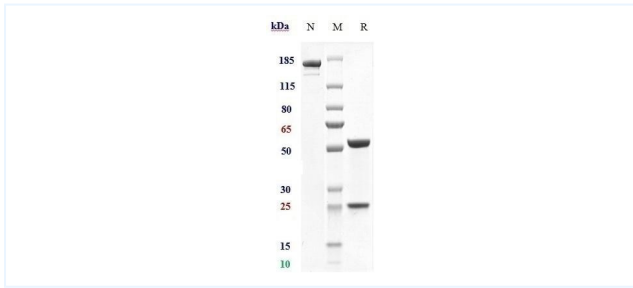


## Product Details

Product name:	Anti-NGF / bNGF Reference Antibody (Izenivetmab)	Lot.No.:	P214412
Target:	NGF / bNGF	Catalog:	CHB373
Target Accession:	P01138	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	Dog Canis IgG2
Reactivity:	Human	Molecular Weight (kDa) :	147.44
Application:	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:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

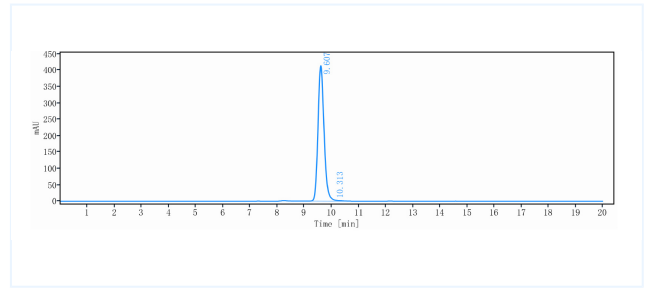
## Data

## Purity:SDS-PAGE



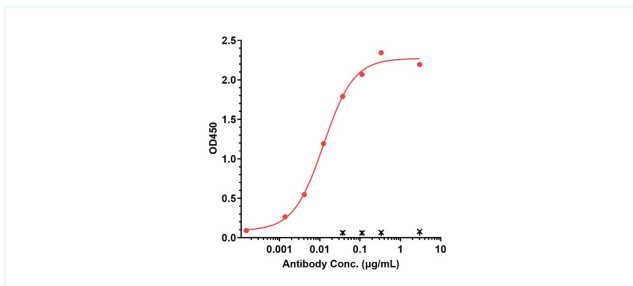
Anti-NGF / bNGF Reference Antibody (Izenivetmab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity:SEC-HPLC



The purity of Anti-NGF / bNGF Reference Antibody (Izenivetmab) is 100% determined by SEC-HPLC.

## Bioactivity: ELISA



Immobilized Recombinant Human  $\beta$ -NGF Protein at 2  $\mu\text{g}/\text{mL}$  can bind Izenivetmab,  $\text{EC}_{50} = 0.01239 \mu\text{g}/\text{mL}$ .

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