



CERTIFICATE OF ANALYSIS

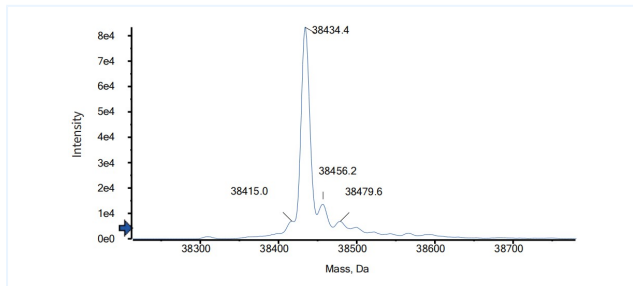


Product Details

Product name:	Anti-TNF-alpha Reference Antibody (Ozoralizumab)	Lot.No.:	P245243C
Target:	TNFSF2 / TNFa	Catalog:	CHBA046
Target Accession:	P01375	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	VHH-VHH
Reactivity:	Human	Molecular Weight (kDa) :	38.44 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:	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

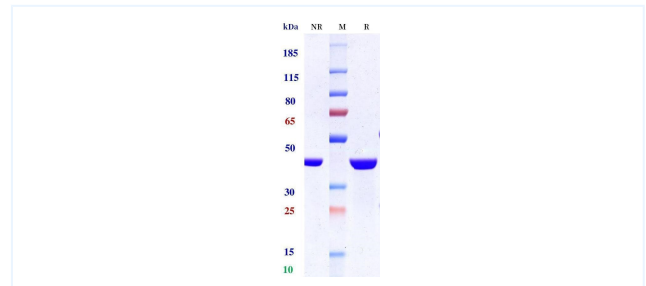
Data

MASS



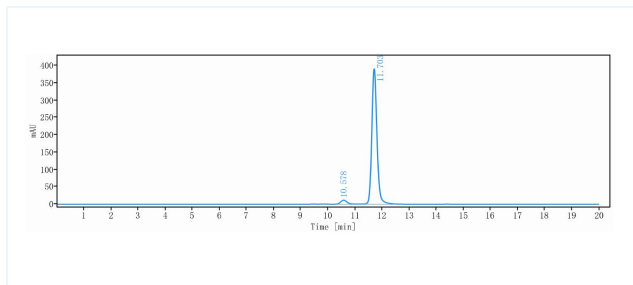
The detected molecular weight of Anti-TNF-alpha Reference Antibody (Ozoralizumab) is 38.43 kDa.

Purity: SDS-PAGE



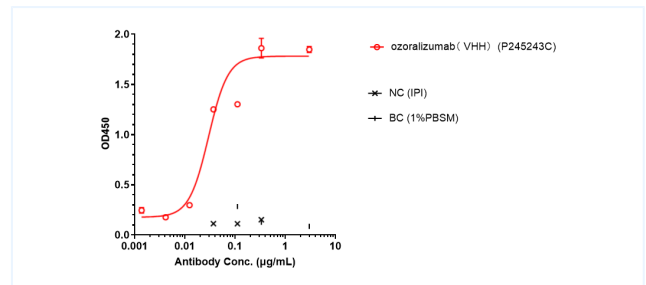
Anti-TNF-alpha Reference Antibody (Ozoralizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



Anti-TNF-alpha Reference Antibody (Ozoralizumab) is 96.3%, determined by SEC-HPLC.

ELISA



Ozoralizumab bound to TNFSF2/TNF-alpha protein, and then rebounded to secondary antibodies (Anti-Cameild-VHH1+VHH2-HRP), and read OD450. As shown in fig, Ozoralizumab bound human TNFSF2/TNF-alpha Protein-Fc, and the EC50 was 0.02958 nM.

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