



CERTIFICATE OF ANALYSIS

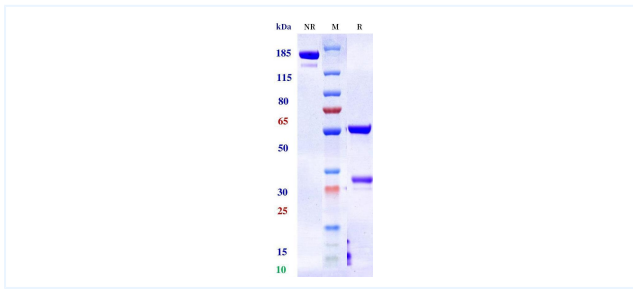


Product Details

Product name:	Human M22 Antibody	Lot.No.:	P244310-2
Target:	TSHR / LGR3	Catalog:	CHB755
Target Accession:	P16473	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	mIgG1-D265A-TWDD
Reactivity:	Human	Molecular Weight (kDa) :	146.02
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

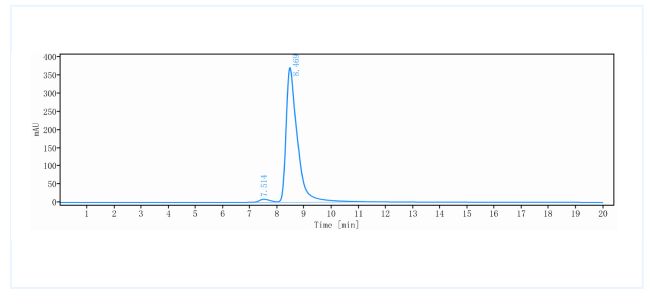
Data

Purity:SDS-PAGE



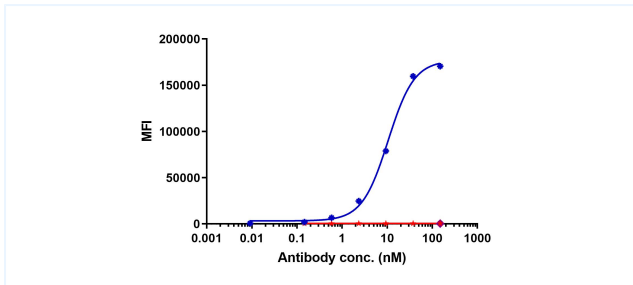
Anti-TSHR Reference Antibody (M22) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



The purity of Human M22 Antibody is 97.8%, determined by SEC-HPLC.

Bioactivity: FACS



Human TSHR-FL-HiS-EGFP-HEK293 cell line were stained with Human M22 Antibody and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 10.44 nM.

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