



CERTIFICATE OF ANALYSIS

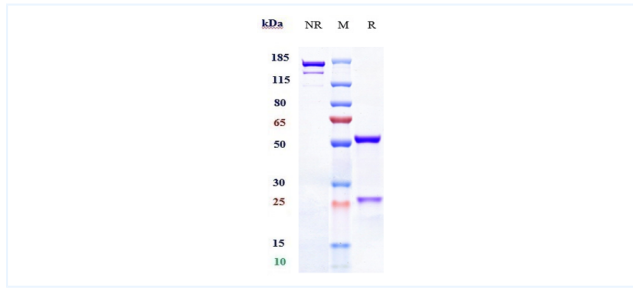


Product Details

Product name:	Anti-GPRC5D Reference Antibody (talquetamab)	Lot.No.:	P96284
Target:	GPRC5D / GPC5D	Catalog:	CHA238
Target Accession:	Q9NZD1	Concentration(mg/mL) :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4
Reactivity:	Human	Molecular Weight (kDa) :	144.58 kDa
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

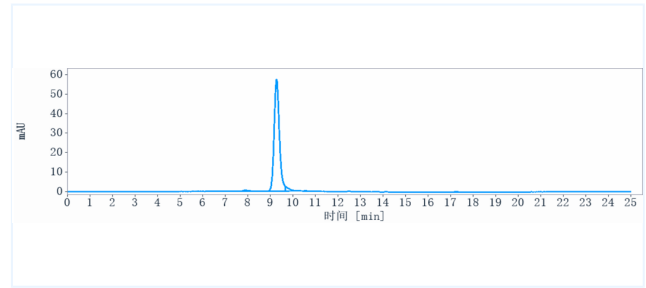
Data

Purity: SDS-PAGE



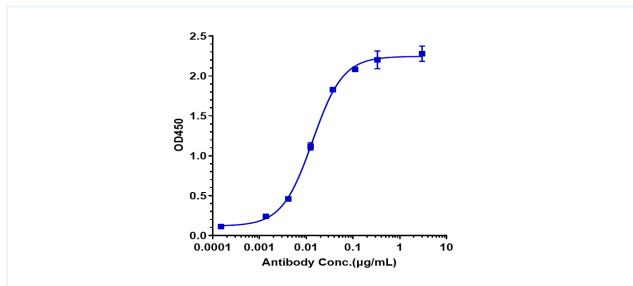
Anti-GPRC5D Reference Antibody (talquetamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



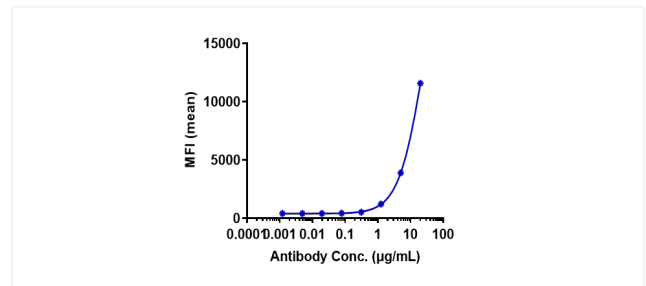
The purity of Anti-GPRC5D Reference Antibody (talquetamab) is 95.4%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human CD3E/CD3 epsilon Protein, His Tag at 2 ug/mL can bind Anti-GPRC5D Reference Antibody (talquetamab), EC50=0.01357 ug/mL.

Bioactivity: FACS



Human GPRC5D HEK293 cells were stained with Anti-GPRC5D Reference Antibody (talquetamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=25.06 ug/mL.

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