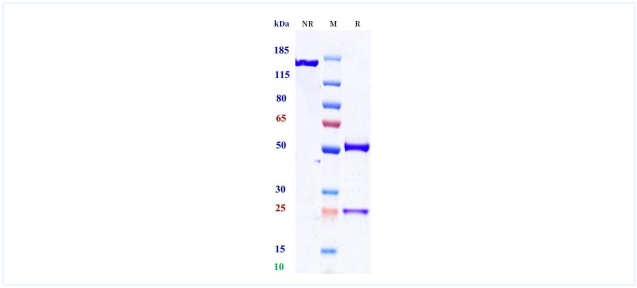
CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-CD180 Reference Antibody (Champions Oncology patent anti-CD180)	Lot.No.:	P294682
Target:	CD180	Catalog:	CHB948
Target Accession:	Q99467	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1-REM-noK
Reactivity:	Human	Molecular Weight (kDa) :	145.14
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

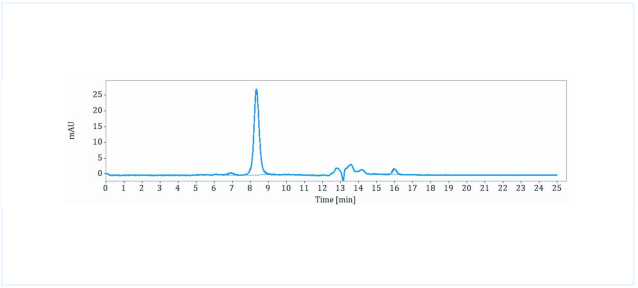
Data

Purity:SDS-PAGE



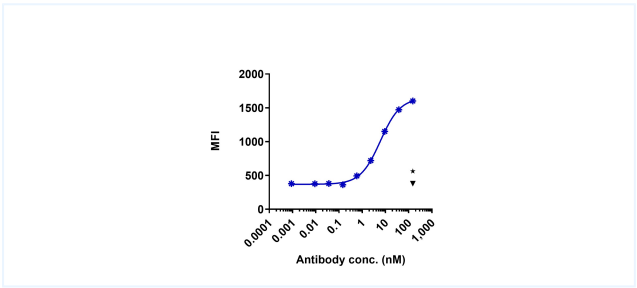
Anti-CD180 Reference Antibody (Champions Oncology patent anti-CD180) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



The purity of Anti-CD180 Reference Antibody (Champions Oncology patent anti-CD180) is 99.7%, determined by SEC-HPLC.

Bioactivity: FACS



PLVX-puro-CD180-FL cell line were stained with Champions Oncology patent anti-CD180 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 6.027 nM.

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