



CERTIFICATE OF ANALYSIS

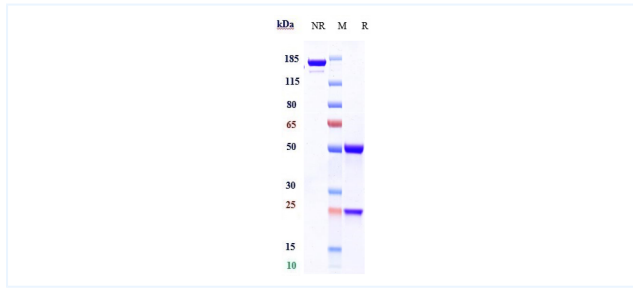


Product Details

Product name:	Anti-CD79b Reference Antibody (polatuzumab)	Lot.No.:	P72071
Target:	CD79b	Catalog:	CHA171
Target Accession:	P40259	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human, Mouse, Rat, Pig, Macaque, Cynomolgus	Molecular Weight (kDa) :	145.26 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:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

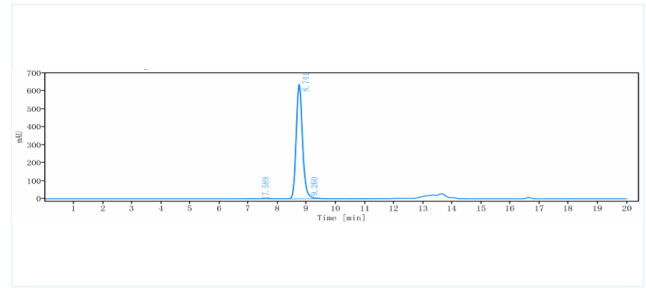
Data

Purity: SDS-PAGE



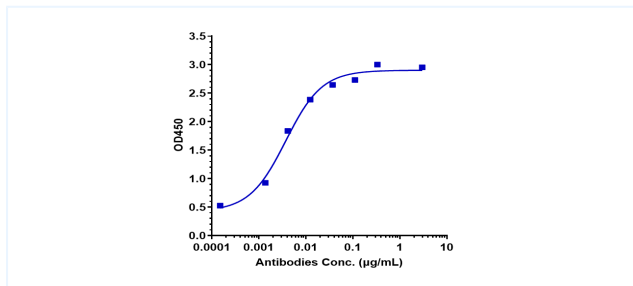
Anti-CD79b Reference Antibody (polatuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



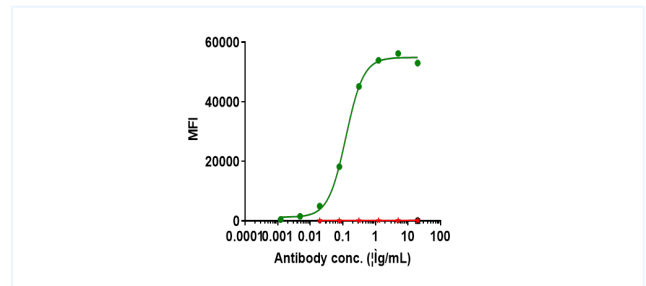
The purity of Anti-CD79b Reference Antibody (polatuzumab) is 98.12%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human CD79b His at 16 µg/mL can bind Anti-CD79b Reference Antibody (polatuzumab), EC50=0.003729 µg/mL.

Bioactivity: FACS



Daudi Cell Line were stained with Anti-CD79b Reference Antibody (polatuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.1237 µg/mL.

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