



CERTIFICATE OF ANALYSIS

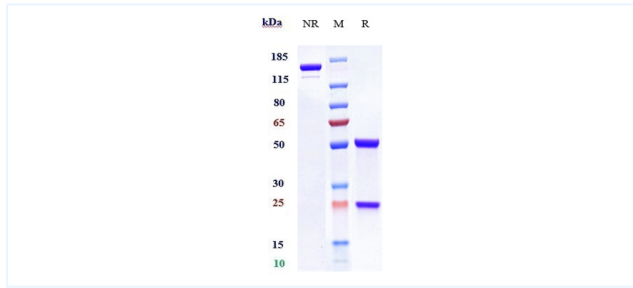


Product Details

Product name:	Anti-CA9 / CAIX Reference Antibody (girentuximab)	Lot.No.:	P214268
Target:	CA9 / Carbonic anhydrase 9	Catalog:	CHA134
Target Accession:	Q16790	Concentration :	7.98 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	144.62 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

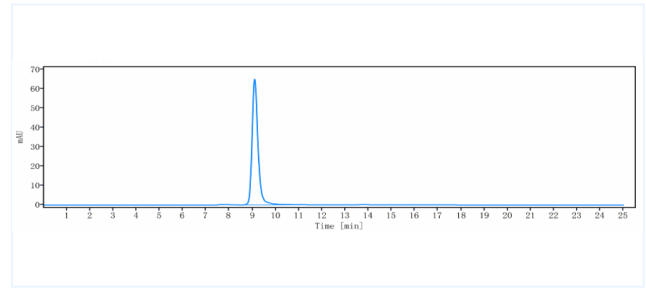
Data

Purity: SDS-PAGE



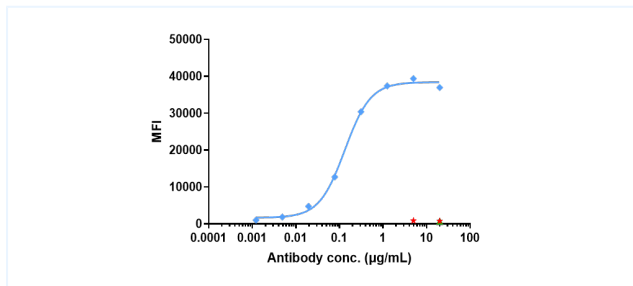
Anti-CA9 / CAIX Reference Antibody (girentuximab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



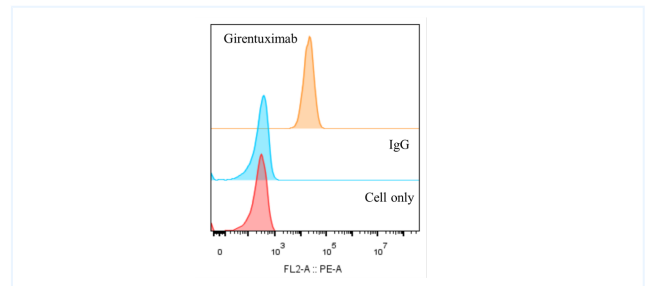
The purity of Anti-CA9 / CAIX Reference Antibody (girentuximab) is 100%, determined by SEC-HPLC.

Bioactivity: FACS



U87-MG cells were stained with Anti-CA9 / CAIX Reference Antibody (girentuximab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50 is 0.13 µg/mL.

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