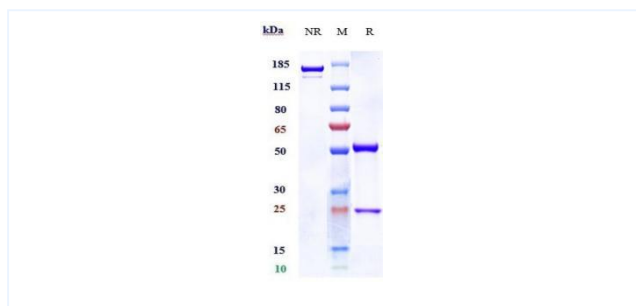


Product Details

Product name:	Anti-human Endoglin / CD105 (carotuximab-MMAE Biosimilar)	SKU:	BIO0898SM
Target Name:	Endoglin / CD105	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P17813	Concentration:	Lyophilized
Clone#:	carotuximab-MMAE	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	145 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	MMAE(ADC)
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

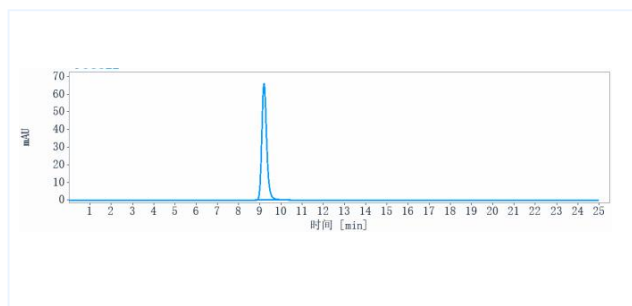
Data

Purity: SDS-PAGE



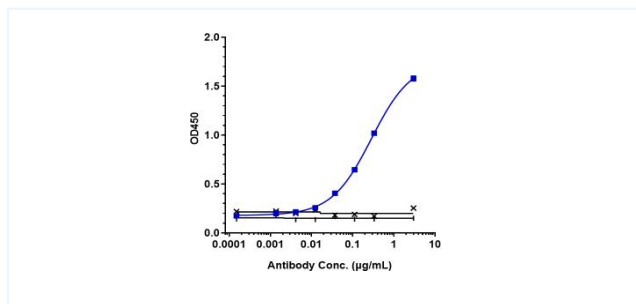
Anti-Endoglin / CD105 (carotuximab-MMAE) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

Purity: SEC-HPLC



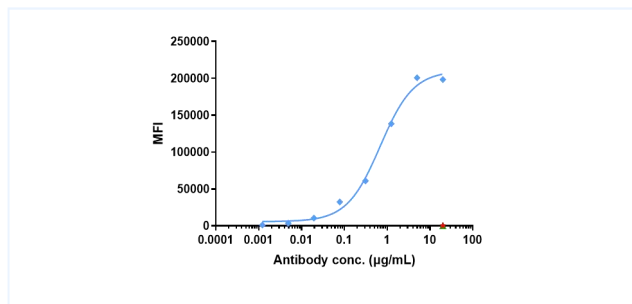
The purity of Anti-Endoglin / CD105 (carotuximab-MMAE) is more than 95%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human CD105 His at 2 µg/mL can bind carotuximab-MMAE, EC50=0.2864 µg/mL.

Bioactivity: FACS



Human Endoglin / CD105 HEK293 Cell Line were stained with Anti-Endoglin / CD105 (carotuximab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.69 g/mL.