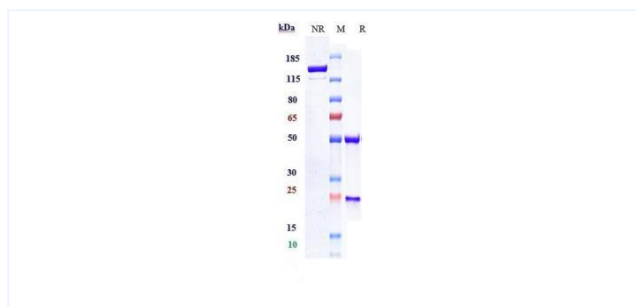


Product Details

Product name:	Anti-human ERBB1 / EGFR / HER1 (depatuxizumab Biosimilar)	SKU:	BIO0568SM
Target Name:	ERBB1 / EGFR / HER1	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P00533	Concentration:	Lyophilized
Clone#:	depatuxizumab	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	144.54 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
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

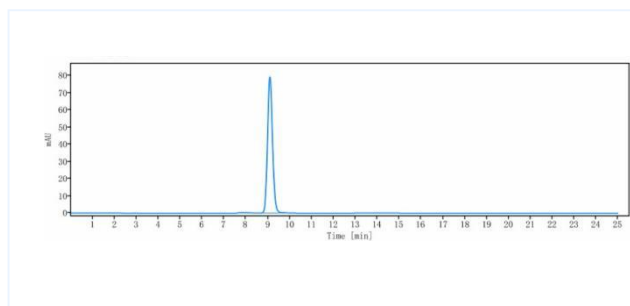
Data

Purity:SDS-PAGE



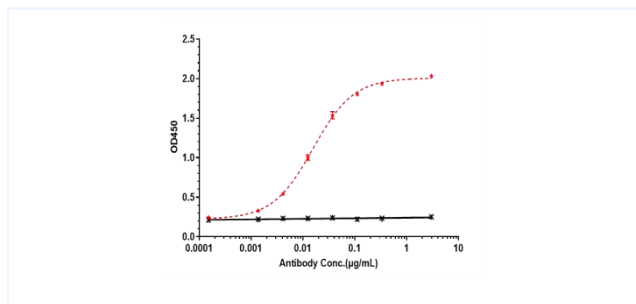
Anti-ERBB1 / EGFR / HER1 (depatuxizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



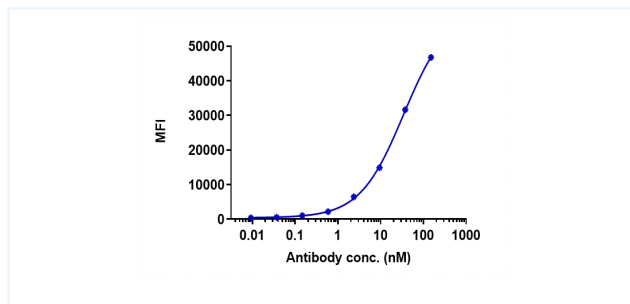
The purity of Anti-ERBB1 / EGFR / HER1 (depatuxizumab) is 99.58%, determined by SEC-HPLC.

ELISA



Human ERBB1 / EGFR / HER1, His Tag at 2 g/mL can bind Depatuxizumab EC₅₀=0.01559 g/mL.

Bioactivity:FACS



Human EGFR CHO-K cells were stained with Anti-ERBB1 / EGFR HER1 (depatuxizumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=34.40 nM.