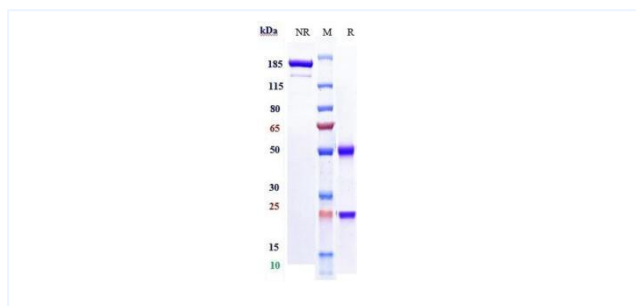


Product Details

Product name:	Anti-human ERBB1 / EGFR / HER1 (necitumumab Biosimilar)	SKU:	BIO0573SM
Target Name:	ERBB1 / EGFR / HER1	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P00533	Concentration:	Lyophilized
Clone#:	necitumumab	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	144.78 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

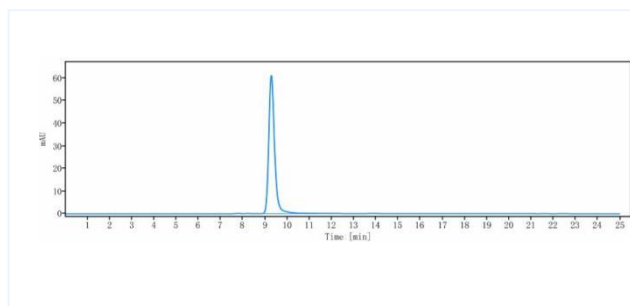
Data

Purity:SDS-PAGE



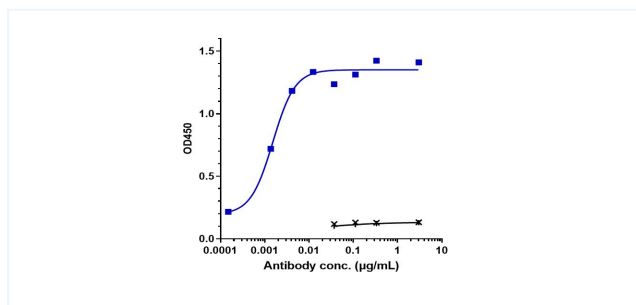
Anti-ERBB1 / EGFR / HER1 (necitumumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



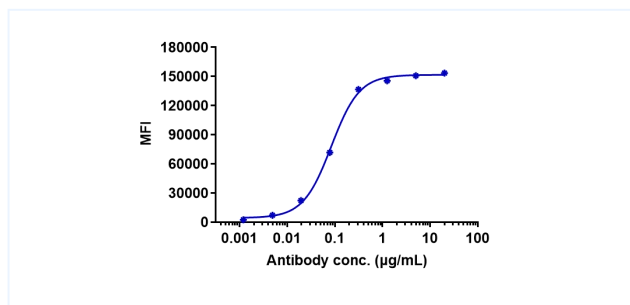
The purity of Anti-ERBB1 / EGFR / HER1 (necitumumab) is more than 95%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human EGFR His at 2 µg/mL can bind Anti-ERBB1 / EGFR / HER1 (necitumumab), EC₅₀=0.001519 µg/mL.

Bioactivity:FACS



Human EGFR CHO-K cells were stained with Anti-ERBB1 / EGFR / HER1 (necitumumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=0.08413 µg/mL.