

## Product Details

<b>Product name:</b>	Anti-human ERBB1 / EGFR / HER1 (zalutumumab Biosimilar)	<b>SKU:</b>	BIO0577SM
<b>Target Name:</b>	ERBB1 / EGFR / HER1	<b>Size:</b>	1 mg/5 mg/20 mg
<b>Target Uniprot:</b>	P00533	<b>Concentration:</b>	Lyophilized
<b>Clone#:</b>	zalutumumab	<b>Isotype:</b>	Human IgG1
<b>Reactivity:</b>	Human	<b>Calculated M.W.:</b>	146.52 kDa
<b>Application:</b>	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	<b>Endotoxin:</b>	<0.001 EU/ug
<b>Formulation:</b>	0.1M Pro, 20mM Arg, pH5.0	<b>Conjugation:</b>	None
<b>Storage:</b>	For long term storage, the produce should be stored at -20° C or lower.	<b>Expression System:</b>	CHO
<b>Reconstitution:</b>	Dissolve with sterile ddH2O	<b>Purification:</b>	Protein A

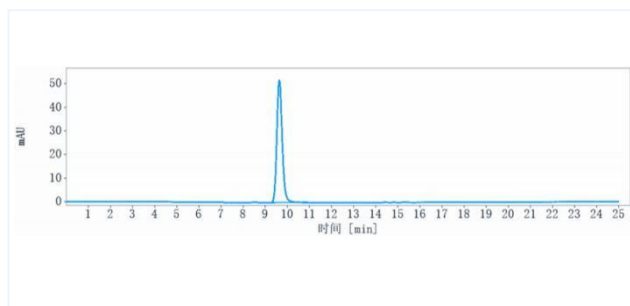
## Data

### Purity:SDS-PAGE



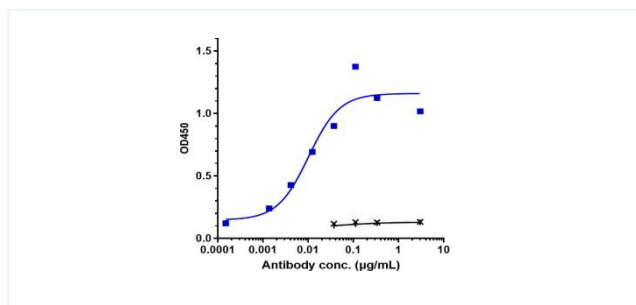
Anti-ERBB1 / EGFR / HER1 (zalutumumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



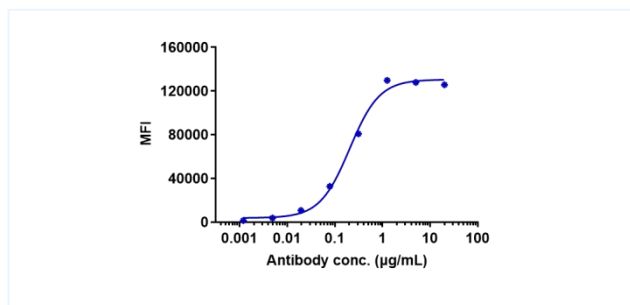
The purity of Anti-ERBB1 / EGFR / HER1 (zalutumumab) is more than 95%, determined by SEC-HPLC.

### Bioactivity:ELISA



Immobilized human EGFR His at 2 μg/mL can bind Anti-ERBB1 / EGFR / HER1 (zalutumumab), EC<sub>50</sub>=0.01018 μg/mL.

### Bioactivity:FACS



Human EGFR CHO-K cells were stained with Anti-ERBB1 / EGFR / HER1 (zalutumumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC<sub>50</sub>=0.2043 μg/mL.