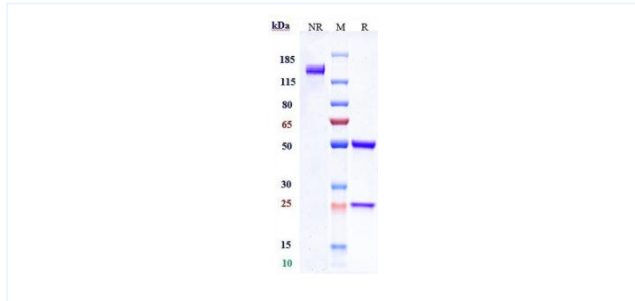


## Product Details

<b>Product name:</b>	<b>Anti-human ERBB1 / EGFR / HER1 (depatuxizumab-MMAF Biosimilar)</b>	<b>SKU:</b>	<b>BIO0879SM</b>
<b>Target Name:</b>	<b>ERBB1 / EGFR / HER1</b>	<b>Size:</b>	<b>1 mg/5 mg/20 mg</b>
<b>Target Uniprot:</b>	<b>P00533</b>	<b>Concentration:</b>	<b>Lyophilized</b>
<b>Clone#:</b>	<b>depatuxizumab-MMAF</b>	<b>Isotype:</b>	<b>Human IgG1</b>
<b>Reactivity:</b>	<b>Human</b>	<b>Calculated M.W.:</b>	<b>148.24 kDa</b>
<b>Application:</b>	<b>ELISA, Bioactivity: FACS, Functional assay, Research in vivo</b>	<b>Endotoxin:</b>	<b>&lt;0.001 EU/ug</b>
<b>Formulation:</b>	<b>0.1M Pro, 20mM Arg, pH5.0</b>	<b>Conjugation:</b>	<b>MMAF(ADC)</b>
<b>Storage:</b>	<b>For long term storage, the produce should be stored at -20° C or lower.</b>	<b>Expression System:</b>	<b>CHO</b>
<b>Reconstitution:</b>	<b>Dissolve with sterile ddH2O</b>	<b>Purification:</b>	<b>Protein A</b>

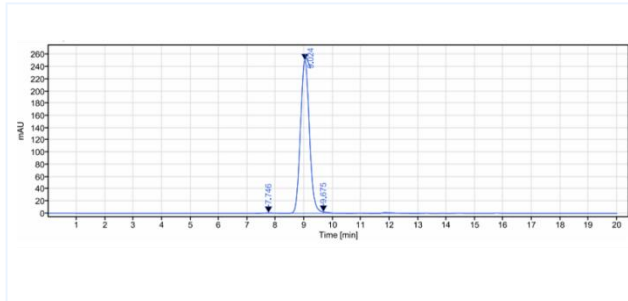
## Data

### Purity:SDS-PAGE



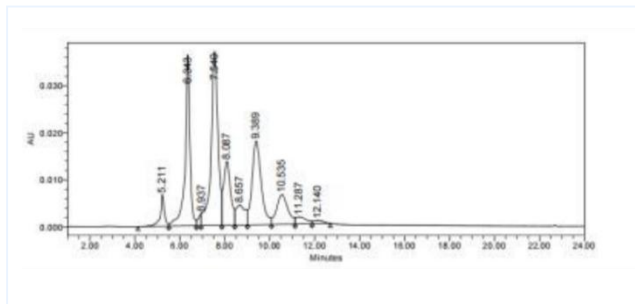
Anti-ERBB1 / EGFR / HER1 (depatuxizumab-MMAF) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

### Purity:SEC-HPLC



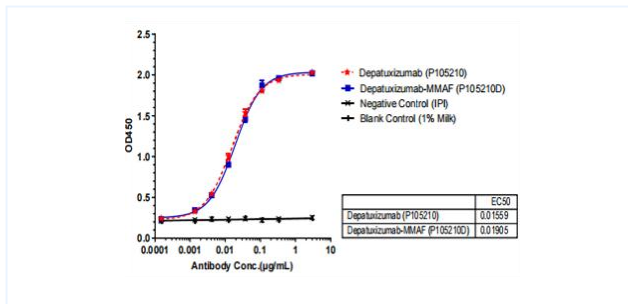
The purity of Anti-ERBB1 / EGFR / HER1(depatuxizumab-MMAF) is 98.38%, determined by SEC-HPLC.

### HIC-HPLC



The drug-to-antibody ratio (DAR) of the Anti-ERBB1 / EGFR / HER1 (depatuxizumab-MMAF) is 4.3.

### ELISA



Immobilized EGFR-P00533-25-645-chis at 2 g/mL (30 L/well) can bind Anti-ERBB1 / EGFR / HER1 (depatuxizumab-MMAF) with the EC50 of 19.05 ng/mL.

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.