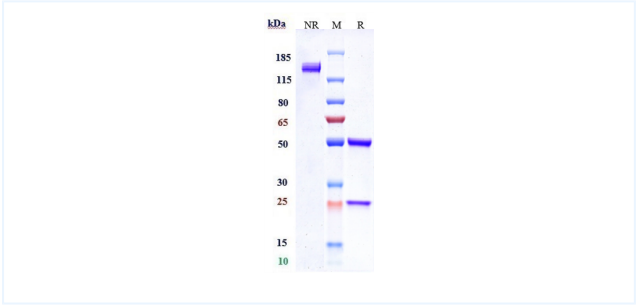
CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-ERBB1 / EGFR / HER1 Reference Antibody (depatuxizumab-MMAF)	**Lot.No.:**	P105210D4.3
Target Name:	ERBB1 / EGFR / HER1	**Catalog:**	CHB267
Target Accession:	P00533	**Concentration:**	1 mg/ml
Clonality:	Monoclonal	**Isotype:**	IgG1
Reactivity:	Human, Mouse [US20090137782A1]	**Calculated MW:**	148.24 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	**Endotoxin:**	<0.001 EU/ug
Contains:	No preservative	**Conjugation:**	MMAF
Formulation:	100 mM Pro-Ac 20mM Arg pH 5.0	**Expression System:**	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditionsAvoid repeated freeze-thaw cycles.	**Purification:**	Protein A

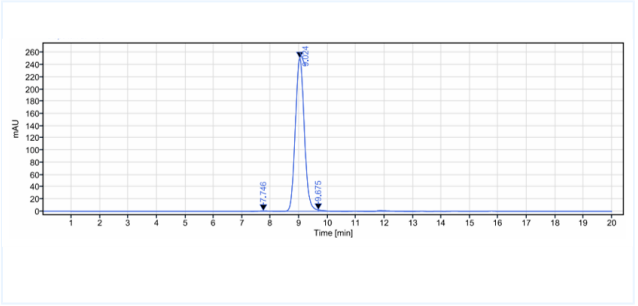
Data

Purity:SDS-PAGE



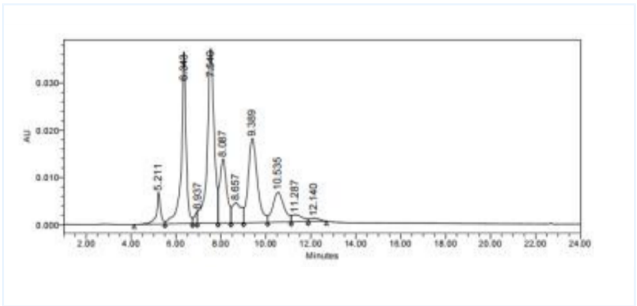
Anti-ERBB1 / EGFR / HER1 Reference Antibody (depatuxizumab-MMAF) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

Purity:SEC-HPLC



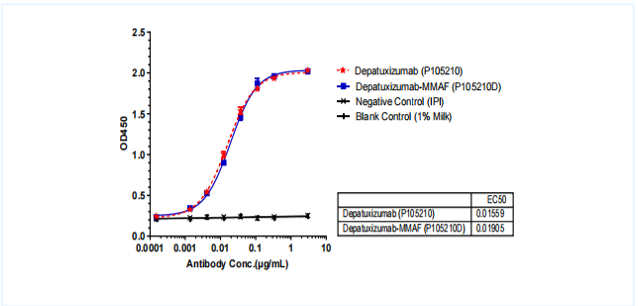
The purity of Anti-ERBB1 / EGFR / HER1 Reference Antibody (depatuxizumab-MMAF) is 98.38%, determined by SEC-HPLC.

HIC-HPLC



The drug-to-antibody ratio (DAR) of the Anti-ERBB1 / EGFR / HER1 Reference Antibody (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 Reference Antibody (depatuxizumab-MMAF) with the EC50 of 19.05 ng/mL.

The products are for research use only. Not for use in diagnostic procedures.

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