



CERTIFICATE OF ANALYSIS

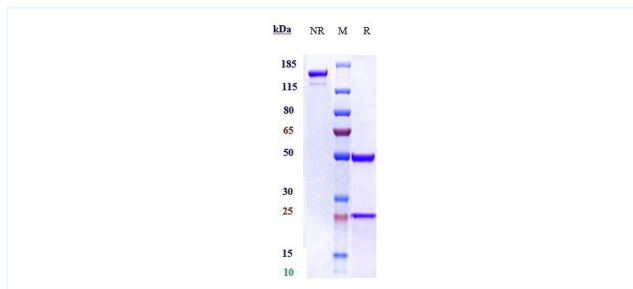


Product Details

Product name:	Anti-ERBB3/ HER3 Reference Antibody (Patritumab deruxtecan)	Lot.No.:	P78492D8
Target:	ERBB3 / HER3	Catalog:	CHB298
Target Accession:	P21860	Concentration :	4.06 mg/mL
Clonality:	Monoclonal-ADC	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	155.2 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Dxd
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

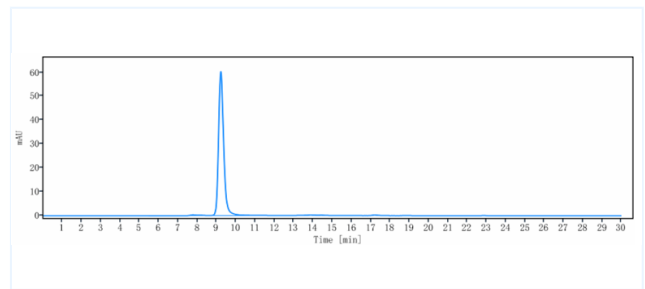
Data

Purity: SDS-PAGE



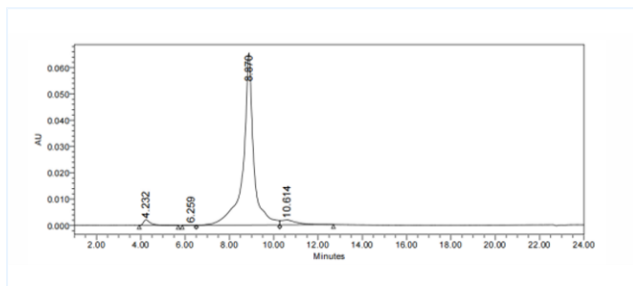
Anti-ERBB3/HER3 Reference Antibody (Patritumab deruxtecan) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



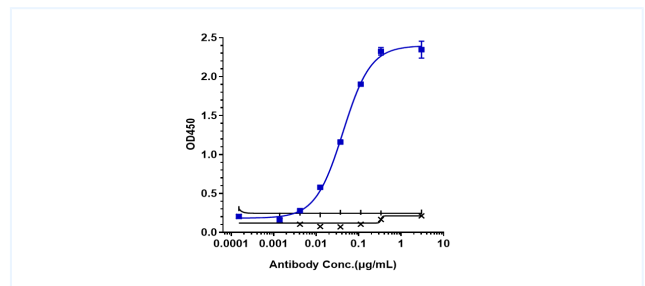
The purity of Anti-ERBB3/HER3 Reference Antibody (Patritumab deruxtecan) is 99.19%, determined by SEC-HPLC.

HIC-HPLC



The drug-to-antibody ratio (DAR) of the Anti-ERBB3/HER3 Reference Antibody (Patritumab deruxtecan) is 8.0.

Bioactivity: ELISA



Immobilized human HER3 His at 2 ug/mL can bind Anti-ERBB3/HER3 Reference Antibody (Patritumab deruxtecan), EC50 is 0.044 ug/mL.

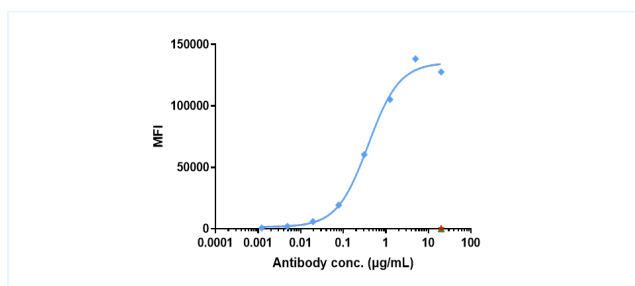
The products are for research use only. Not for use in diagnostic procedures.



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Bioactivity: FACS



Human ERBB3 / HER3 HEK293 Cell Line were stained with Anti-ERBB3/HER3 Reference Antibody (Patritumab deruxtecan) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.39 ug/mL.

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