



# CERTIFICATE OF ANALYSIS

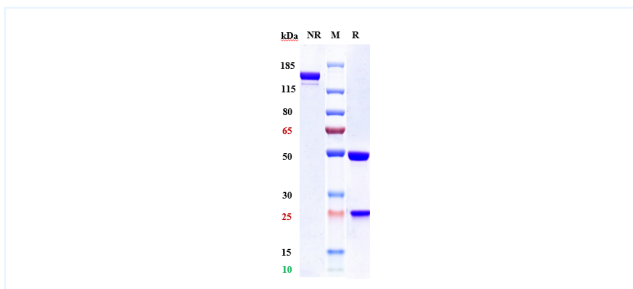


## Product Details

Product name:	Anti-ERBB2 / HER2 / CD340 Reference Antibody (Disitamab vedotin)	Lot.No.:	P104427D3.8
Target:	ERBB2 / HER2 / CD340	Catalog:	CHB253
Target Accession:	P04626	Concentration :	3.3 mg/mL
Clonality:	Monoclonal-ADC	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	149.2 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:	MMAE
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

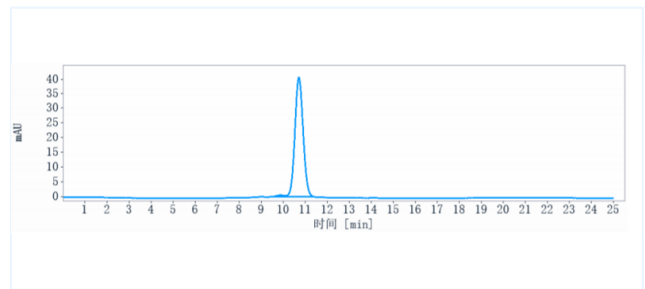
# Data

## Purity: SDS-PAGE



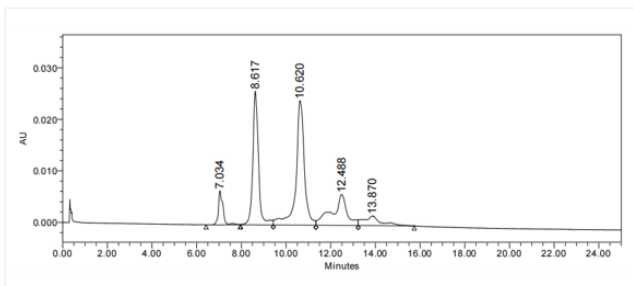
Anti-ERBB2 / HER2 / CD340 Reference Antibody (Disitamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity: SEC-HPLC



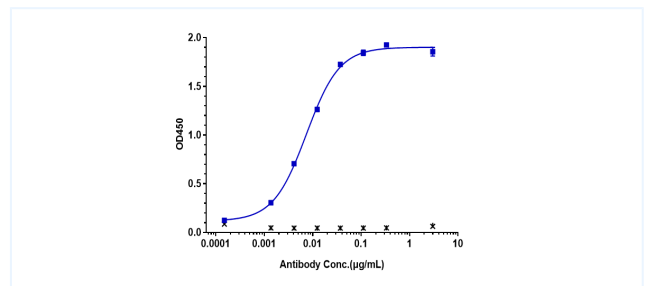
The purity of Anti-ERBB2 / HER2 / CD340 Reference Antibody (Disitamab vedotin) is 98.7%, determined by SEC-HPLC.

## HIC-HPLC



The drug-to-antibody ratio (DAR) of the Anti-ERBB2 / HER2 / CD340 Reference Antibody (disitamab vedotin) is 3.8.

## ELISA



Immobilized human HER2 His Tag Protein at 2 µg/mL can bind Anti-ERBB2 / HER2 / CD340 Reference Antibody (Disitamab vedotin), EC50 is 0.007398 µg/mL.

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