



CERTIFICATE OF ANALYSIS

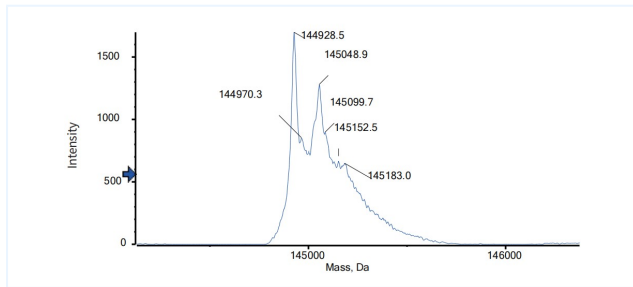


Product Details

Product name:	Anti-ERBB2 / HER2 / CD340 Reference Antibody (Anbenitamab)	Lot.No.:	P262513
Target:	HER2/neu	Catalog:	CHBA024
Target Accession:	P04626	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	145.19 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:	Unconjugated
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

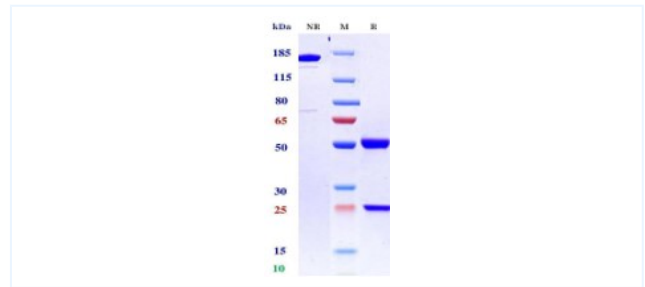
Data

MASS



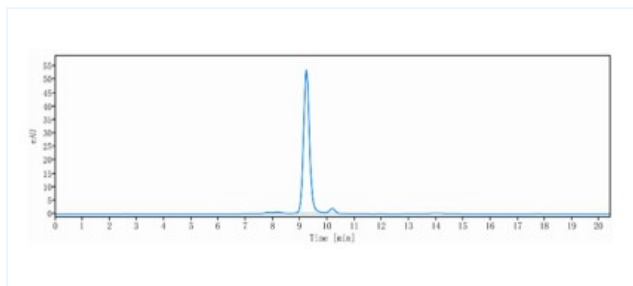
The detected molecular weight of Anti-HER2/neu Reference Antibody (Anbenitamab) is 144.93 kDa.

Purity: SDS-PAGE



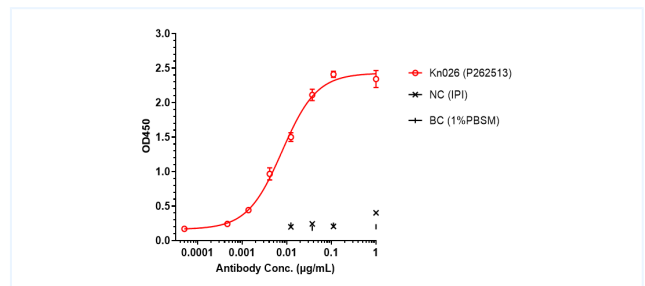
Anti-ERBB2 / HER2 / CD340 Reference Antibody (KN026) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-ERBB2 / HER2 / CD340 Reference Antibody (KN026) is 94.92%, determined by SEC-HPLC.

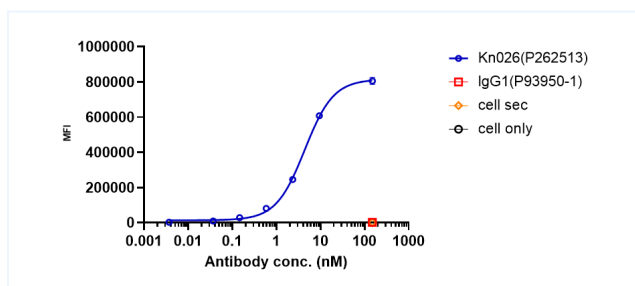
ELISA



Kn026 bound to HER2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Kn026 bound to Hu-HER2-His, and the EC50 was 0.008 nM.

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

Bioactivity: FACS



Kn026 bound to BT474 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Kn026 bound to BT474 cells, and the EC50 was 4.39 nM.

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