



CERTIFICATE OF ANALYSIS

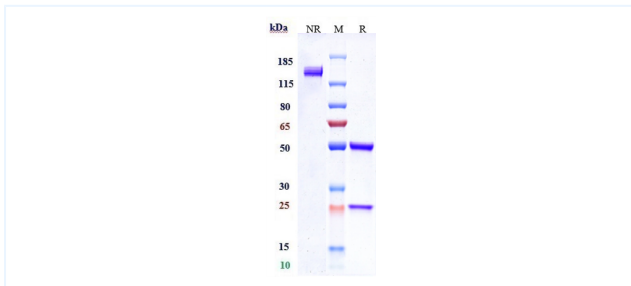


Product Details

Product name:	Anti-GPNMB Reference Antibody (Glembatumumab vedotin)	Lot.No.:	P218656-1
Target:	GPNMB	Catalog:	CHB260
Target Accession:	Q14956	Concentration :	0.93 mg/mL
Clonality:	Monoclonal-ADC	Isotype:	IgG2
Reactivity:	Human	Molecular Weight (kDa) :	145.56 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

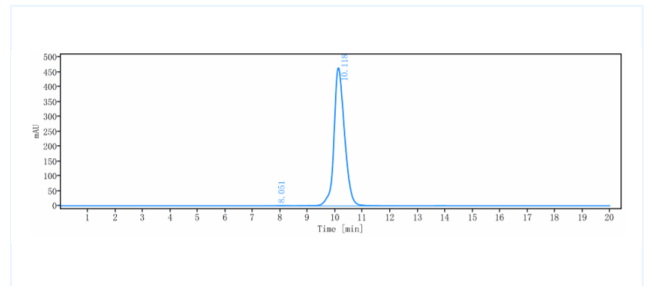
Data

Purity: SDS-PAGE



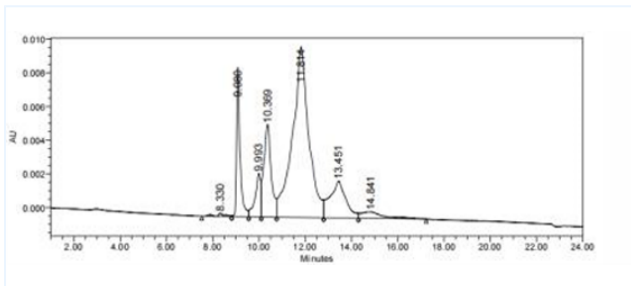
Anti-GPNMB Reference Antibody (Glebatumumab vedotin) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



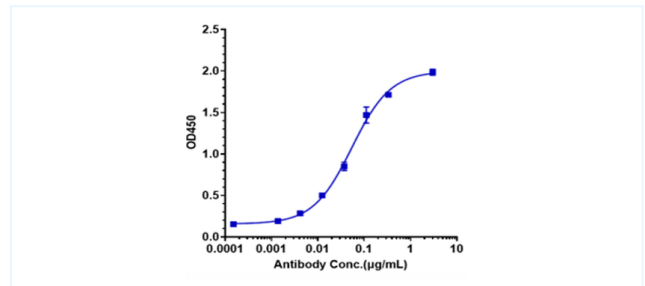
The purity of Anti-GPNMB Reference Antibody (Glebatumumab vedotin) is 99.7%, determined by SEC-HPLC.

HIC-HPLC



The drug-to-antibody ratio (DAR) of the Anti-GPNMB Reference Antibody (glebatumumab vedotin) is 3.6.

ELISA



Immobilized human GPNMB His at 2 ug/mL can bind Anti-GPNMB Reference Antibody (Glebatumumab vedotin), EC50 is 0.05407 ug/mL.

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