



CERTIFICATE OF ANALYSIS

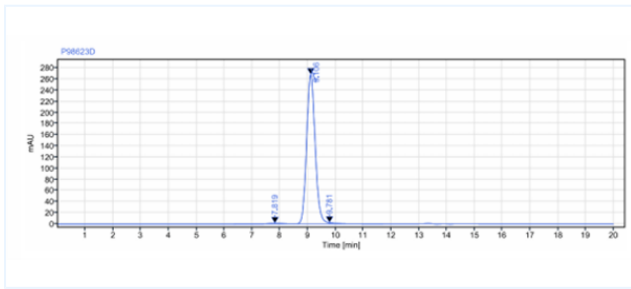


Product Details

Product name:	Anti-TNFSF7 / CD27L / CD70 Reference Antibody (Vorsetuzumab mafodotin)	Lot.No.:	P98623D3.8
Target:	TNFSF7 / CD27L / CD70	Catalog:	CHB318
Target Accession:	P32970	Concentration :	5.90 mg/mL
Clonality:	Monoclonal-ADC	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	146.1 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:	MMAF
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

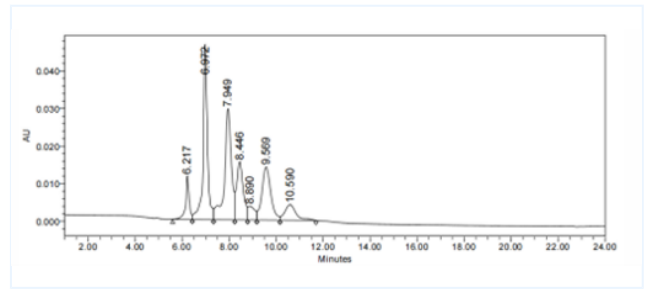
Data

Purity: SEC-HPLC



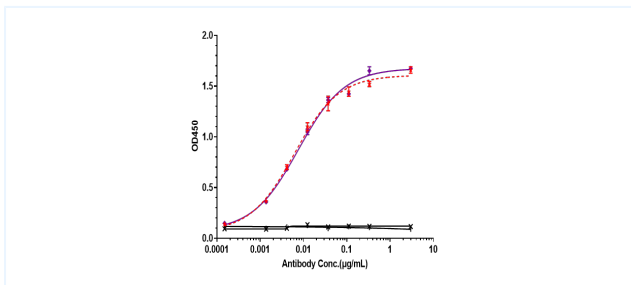
The purity of Anti-TNFSF7 / CD27L / CD70 Reference Antibody (Vorsetuzumab mafodotin) is 99.29%, determined by SEC-HPLC.

HIC-HPLC



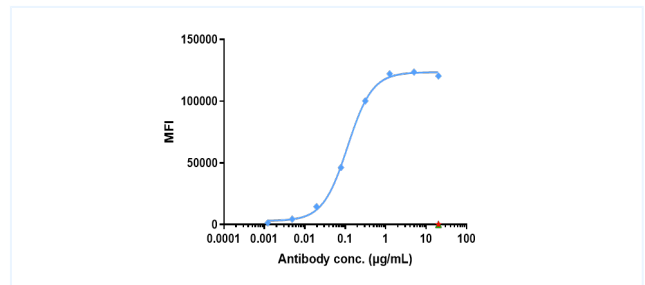
The drug-to-antibody ratio (DAR) of the Anti-TNFSF7 / CD27L / CD70 Reference Antibody (Vorsetuzumab mafodotin) is 3.8.

ELISA



Immobilized humanCD70-His at 2 ug/mL (30 µL/well) can bind Anti-TNFSF7 / CD27L / CD70 Reference Antibody (Vorsetuzumab mafodotin) with the EC50 of 0.007612 ug/mL.

Bioactivity: FACS



Human TNFSF7 / CD27L / CD70 CHO-K1 Cell Line were stained with Anti-TNFSF7 / CD27L / CD70 Reference Antibody (vorsetuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.11 µg/mL.

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