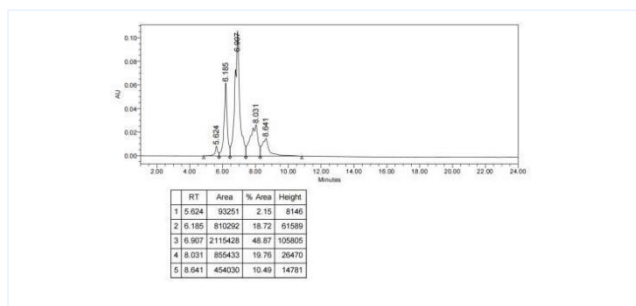


Product Details

Product name:	Anti-human TROP2 (datopotamab deruxtecan Biosimilar)	SKU:	BIO0882SM
Target Name:	TROP2	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P09758	Concentration:	Lyophilized
Clone#:	datopotamab deruxtecan	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	149.3 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	Dxd(ADC)
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

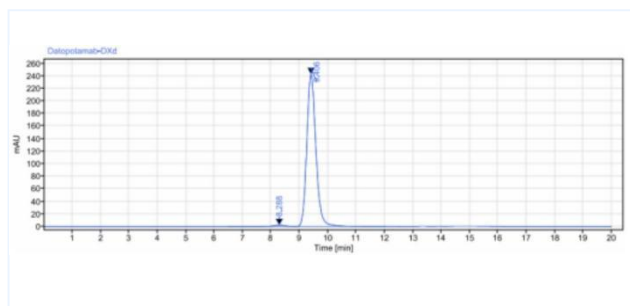
Data

HIC-HPLC



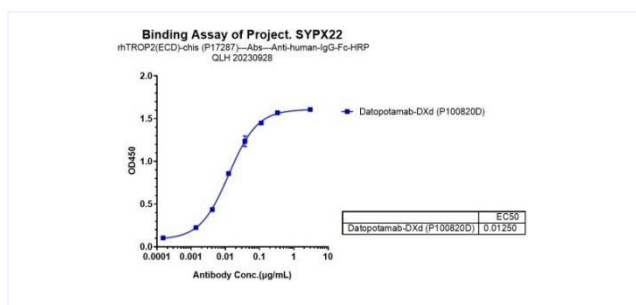
The drug-to-antibody ratio (DAR) of the Anti-TROP2 (Datopotamab-DXD) is 4.4.

Purity: SEC-HPLC



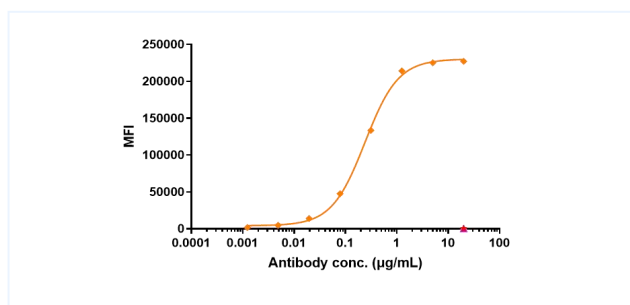
The purity of protein, determined by HPLC, is greater than 95%.

ELISA



Immobilized rhTROP2(ECD)-chis at 2 g/mL (30 L/well) can bind Datopotamab-DXD (P100820D4.4) with the EC50 of 0.01250 g/mL.

Bioactivity: FACS



Human TROP2 HEK293 Cell Line were stained Anti-TROP2 (datopotamab deruxtecan) and negative control protein respectively, washed and then followed by PE and analyzed with FACS. The EC50 is 0.24 ug/mL.