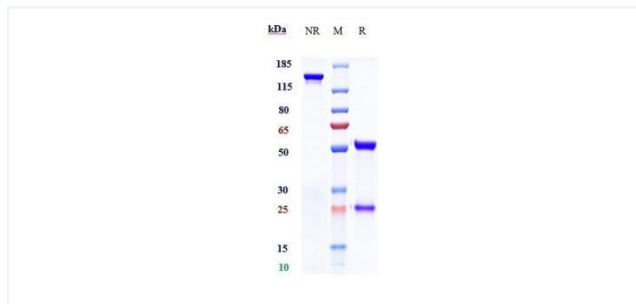


Product Details

Product name:	Anti-human TROP2 (sacituzumab Biosimilar)	SKU:	BIO0275SM
Target Name:	TROP2	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P09758	Concentration:	Lyophilized
Clone#:	sacituzumab	Isotype:	Human IgG1
Reactivity:	Human, Mouse	Calculated M.W.:	145.52 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
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

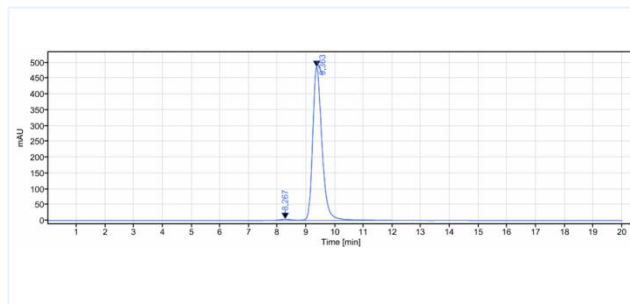
Data

Purity:SDS-PAGE



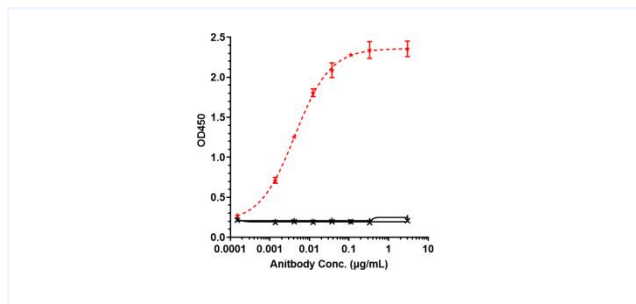
Anti-TROP2 (sacituzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



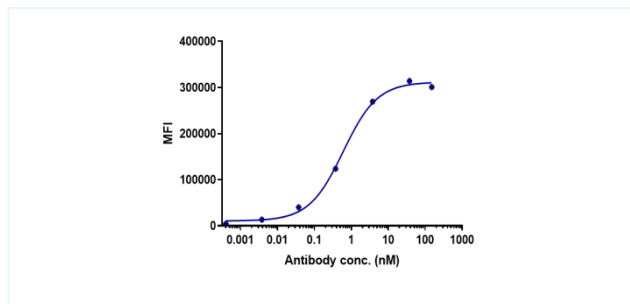
The purity of Anti-TROP2 (sacituzumab) is 96.23%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human TROP2 His at 2 µg/mL can bind Anti-TROP2 (sacituzumab), EC₅₀=0.004316 µg/mL.

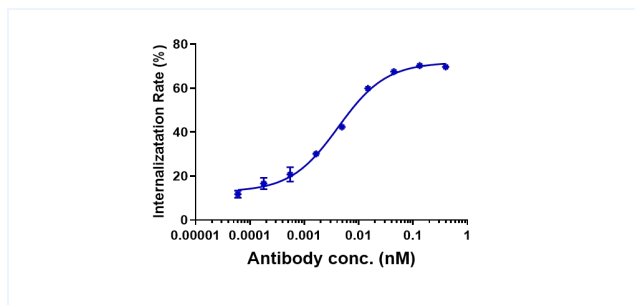
Bioactivity:FACS



Human TROP2 HEK293 cells were stained with Anti-TROP2 (sacituzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=0.4071 µg/mL.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Function: Internalization



The endocytosis ratio sacituzumab by human TROP2 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 70% at antibody concentration of 0.4 nM.