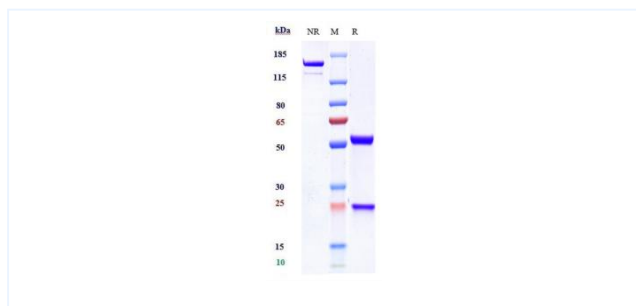


Product Details

Product name:	Anti-human GPC3 / Glypican-3 (Codrituzumab-MMAE Biosimilar)	SKU:	BIO0852SM
Target Name:	GPC3 / Glypican-3	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P51654	Concentration:	Lyophilized
Clone#:	Codrituzumab-MMAE	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	150.85 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	MMAE(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

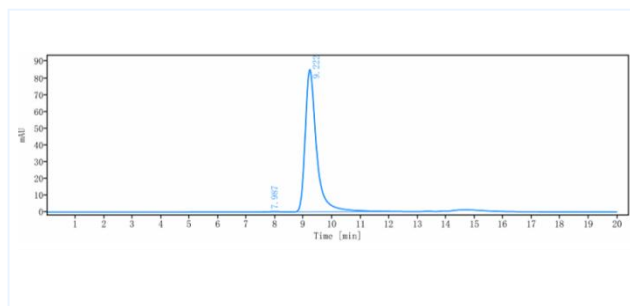
Data

Purity:SDS-PAGE



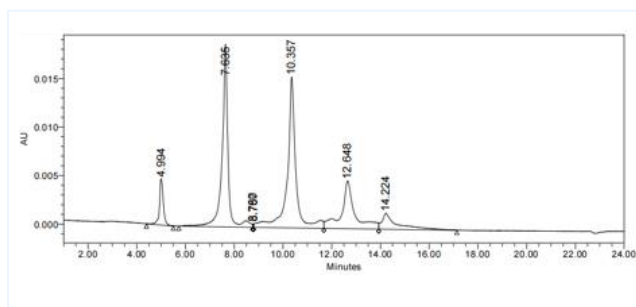
Anti-GPC3 / Glypican-3 (Codrituzumab-MMAE) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

Purity:SEC-HPLC



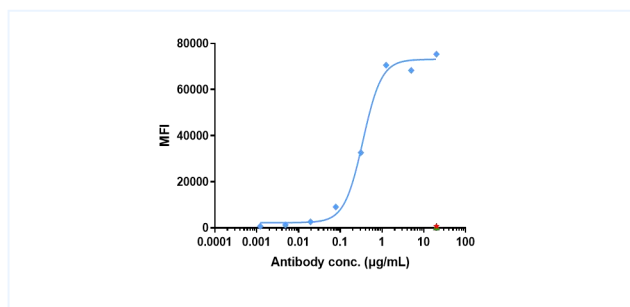
The purity of Anti-GPC3 / Glypican-3 (Codrituzumab-MMAE) is 99.73%, determined by SEC-HPLC.

HIC



MMAE is conjugated by sulfhydryl coupling, the DAR value of Anti TROP2 (Sacituzumab govitecan) antibody is 3.8.

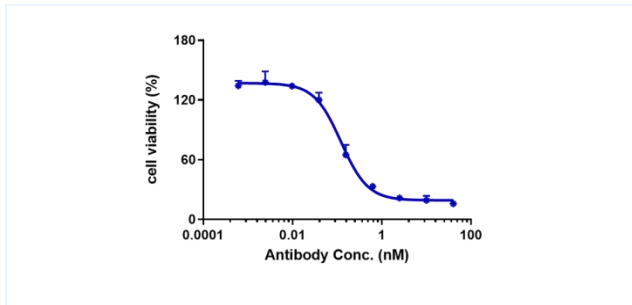
FACS



Human GPC3 / Glypican-3 HEK293 Cell Line were stained Anti-GPC3 / Glypican-3 (Codrituzumab-MMAE) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.35 ug/mL.

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

Function: Cytotoxicity



The killing ratio Codrituzumab-MMAE by HuH-7 increased with the increase of antibody concentration, and the killing Rate (%) reached 130% at antibody concentration of 40 nM.