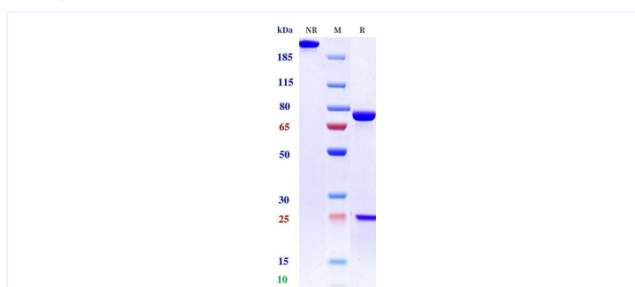


Product Details

Product name:	Anti-HER3 & IGF-1R (Istiratumab Biosimilar)	SKU:	BIO0970SM
Target Name:	HER3 & IGF-1R	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P21860 & P08069	Concentration:	Lyophilized
Clone#:	Istiratumab (Bispecific)	Isotype:	IgG-ScFv
Reactivity:	Human	Calculated M.W.:	199.64 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	100 mM Pro-Ac 20mM Arg pH 5.0	Conjugation:	None
Storage:	-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH ₂ O	Purification:	Protein A

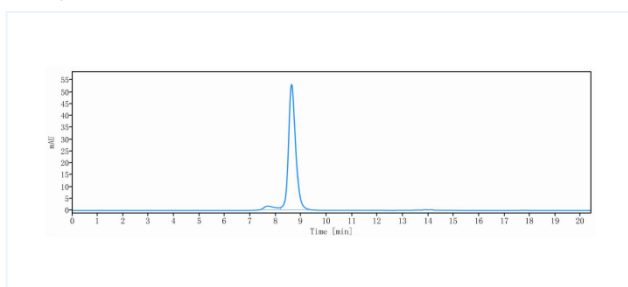
Data

Purity: SDS-PAGE



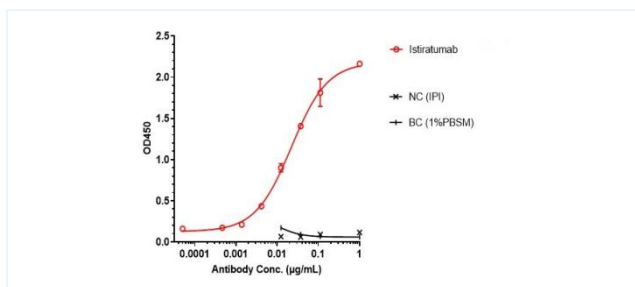
Anti-HER3 & IGF-1R Reference Antibody (Istiratumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



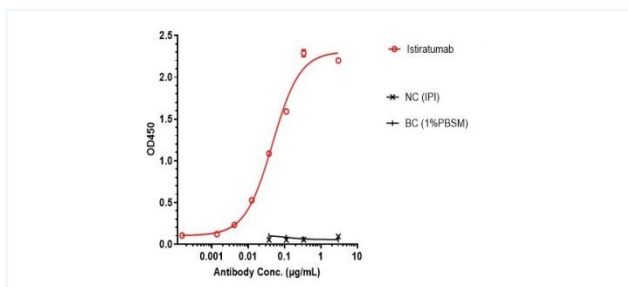
The purity of Anti-HER3 & IGF-1R Reference Antibody (Istiratumab) is 95.55 %,determined by SEC-HPLC.

ELISA



Istiratumab bound to 4-1BB protein, and then rebound to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Istiratumab bound to Human IGF-1R-His, and the EC₅₀was 0.022 nM.

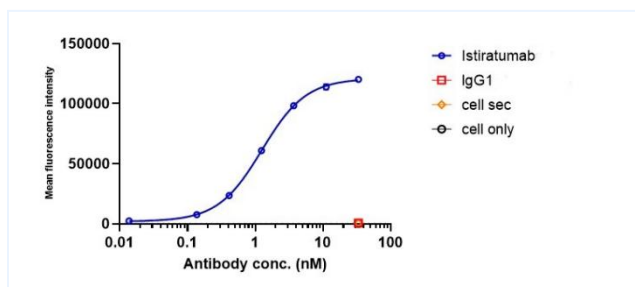
ELISA



Istiratumab bound to HER3 protein, and then rebound to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig , Istiratumab bound to Human HER3-His, and the EC₅₀ was 0.046 nM.

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

Bioactivity: FACS



Istiratumab bound to 0920-13 Hu-HER3-FL-HEK293-A4 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, FcPE) , and test by flow cytometry. As shown in fig, Istiratumab bound to 0920-13 Hu-HER3-FL-HEK293-A4 cells, and the EC50 was 1.257 nM.