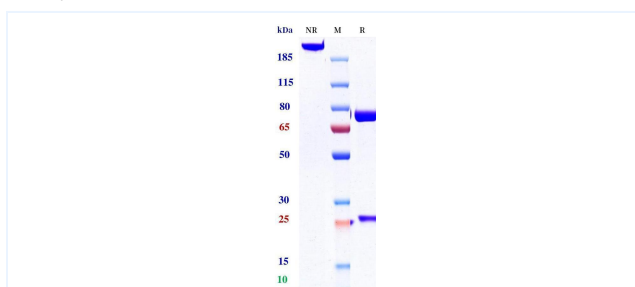


Product Details

Product name:	Anti-EGFR & HER3 (Izalontamab Biosimilar)	SKU:	BIO1008SM
Target Name:	EGFR & HER3	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P00533 & P21860	Concentration:	Lyophilized
Clone#:	Izalontamab (Bispecific)	Isotype:	IgG-ScFv
Reactivity:	Human	Calculated M.W.:	197.22 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

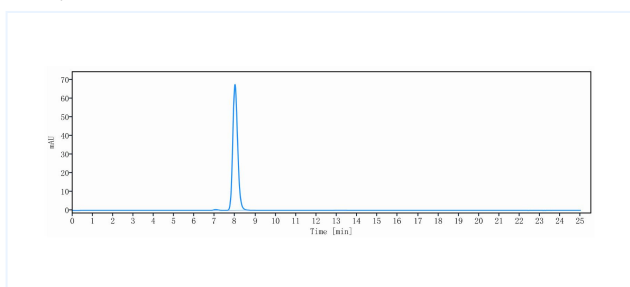
Data

Purity: SDS-PAGE



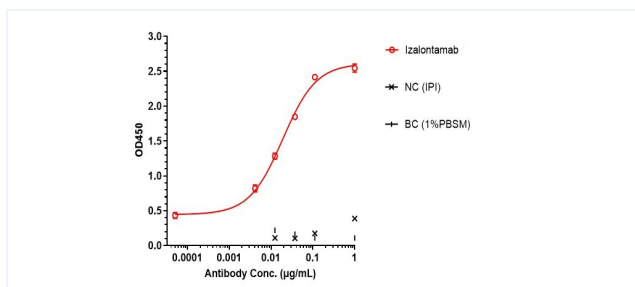
Anti-EGFR & HER3 Reference Antibody (Izalontamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



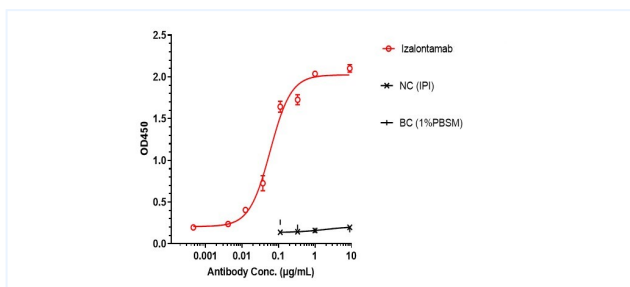
The purity of Anti-EGFR & HER3 Reference Antibody (Izalontamab) is 99.43% , determined by SEC-HPLC.

ELISA



Izalontamab bound to EGFR protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig , Izalontamab bound to huEGFR-his, and the EC50 was 0.019 nM.

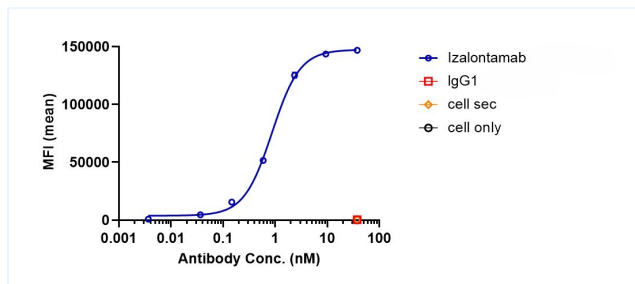
ELISA



Izalontamab bound to HER3 protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig , Izalontamab bound to huHER3-his, and the EC50 was 0.059 nM.

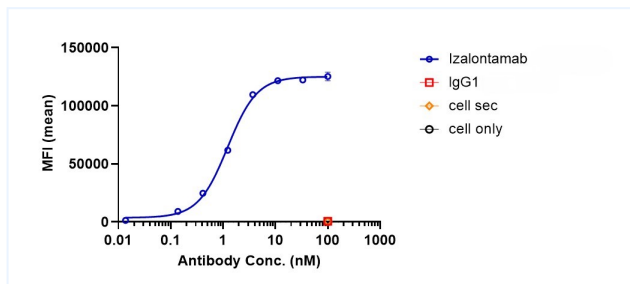
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Bioactivity: FACS



Izalontamab bound to EGFR-CHO-K cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcγ PE), and test by flow cytometry. As shown in fig, Izalontamab bound to EGFR-CHO-K cells, and the EC₅₀ was 0.937 nM.

Bioactivity: FACS



Izalontamab bound to hu-HER3-FL-HEK293 cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcγ PE), and test by flow cytometry. As shown in fig, Izalontamab bound tdu-HER3-FL-HEK293 cells, and the EC₅₀ was 1.225 nM.