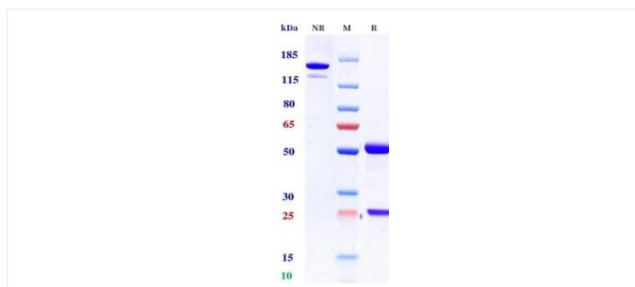


## Product Details

Product name:	Anti-PD-1 & TIGIT (Rilvegostomig Biosimilar)	SKU:	BIO0966SM
Target Name:	PD-1 & TIGIT	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	Q15116 & Q495A1	Concentration:	Lyophilized
Clone#:	Rilvegostomig (Bispecific)	Isotype:	IgG-like
Reactivity:	Human	Calculated M.W.:	146.06 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 <sub>2</sub> O	Purification:	Protein A

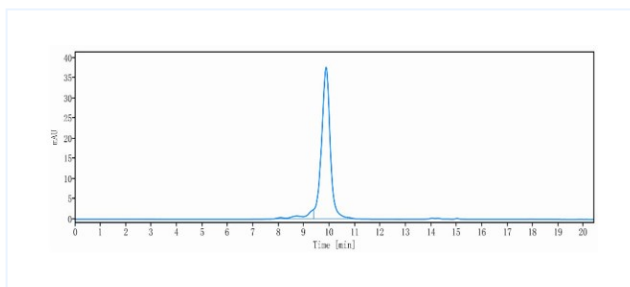
## Data

### Purity: SDS-PAGE



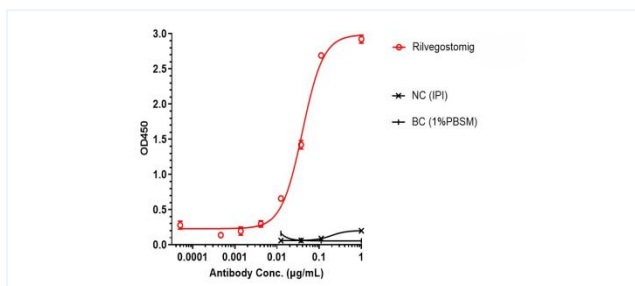
Anti-PD-1 & TIGIT Reference Antibody (Rilvegostomig) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity: SEC-HPLC



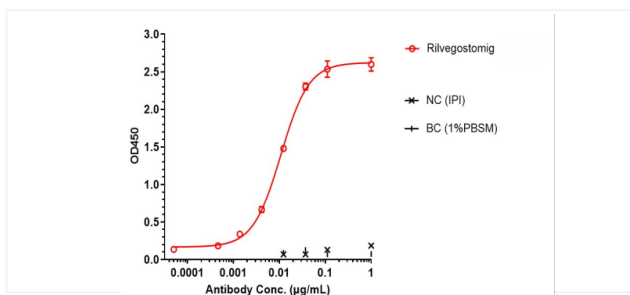
The purity of Anti-PD-1 & TIGIT Reference Antibody (Rilvegostomig) is 95.78%, determined by SEC-HPLC.

### ELISA



To measure the binding ability of Rilvegostomig in Human TIGIT-his. Rilvegostomig bound to TIGIT protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig 3, Rilvegostomig bound to Human TIGIT-his, and the EC50 was 0.040 nM.

### ELISA



To measure the binding ability of Rilvegostomig in Hu-PD1-his. Rilvegostomig bound to PD-1 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig 4, Rilvegostomig bound to HuPD-1-his, and the EC50 was 0.011 nM.