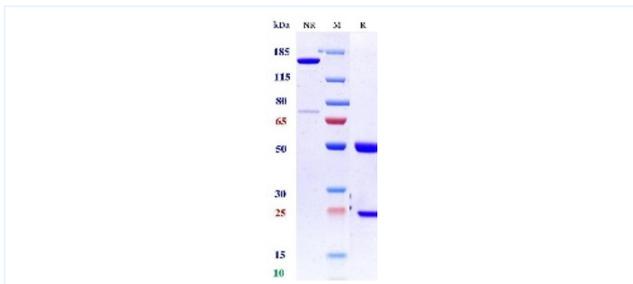


Product Details

Product name:	Anti-LAG-3 & PD-1 (Tobemstomig Biosimilar)	SKU:	BIO0992SM
Target Name:	LAG-3 & PD-1	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P18627 & Q15116	Concentration:	Lyophilized
Clone#:	Tobemstomig (Bispecific)	Isotype:	IgG-like
Reactivity:	Human	Calculated M.W.:	145.24 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 ddH₂O	Purification:	Protein A

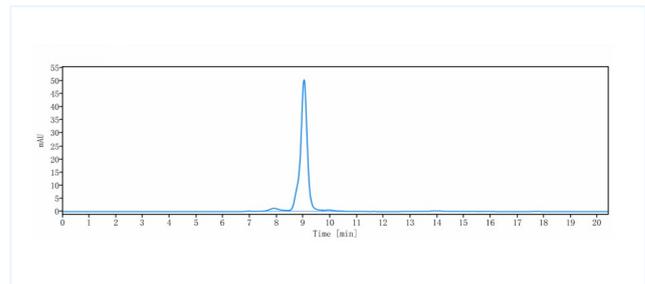
Data

Purity: SDS-PAGE



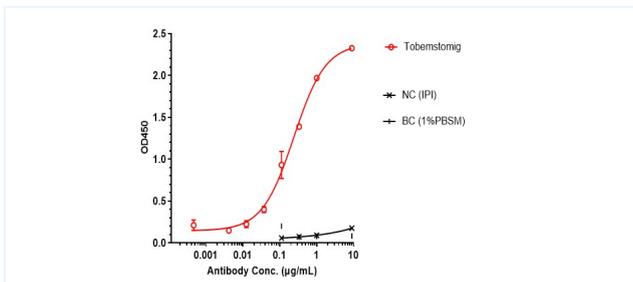
Anti-LAG-3 & PD-1 Reference Antibody (Tobemstomig) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



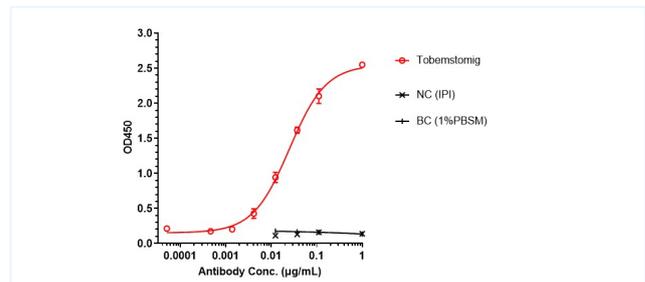
The purity of Anti-LAG-3 & PD-1 Reference Antibody (Tobemstomig) is 94.61%, determined by SEC-HPLC.

ELISA



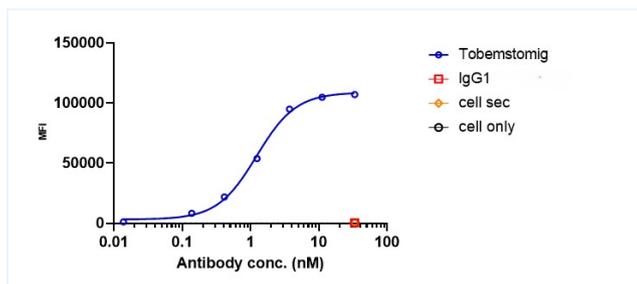
Tobemstomig bound to LAG-3 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Tobemstomig bound human LAG-3 Protein-His, and the EC₅₀ was 0.2401 nM.

ELISA



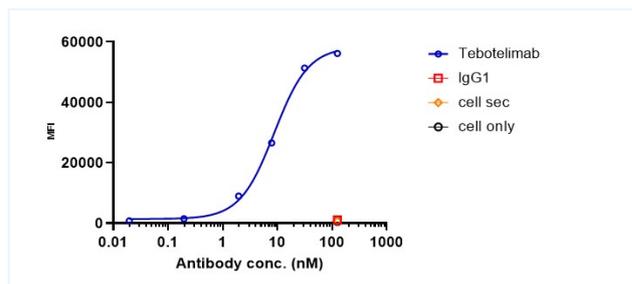
Tobemstomig bound to PD-1 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Tobemstomig bound human PD-1 Protein-His, and the EC₅₀ was 0.02504 nM.

Bioactivity: FACS



Tobemstomig bound to huPD-1-Jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Tobemstomig bound to huPD-1-Jurkat cells, and the EC50 was 1.222 nM.

Bioactivity: FACS



Tebotelimab bound to huLAG-3-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Tebotelimab bound to huLAG-3-CHO-K cells, and the EC50 was 8.727 nM.