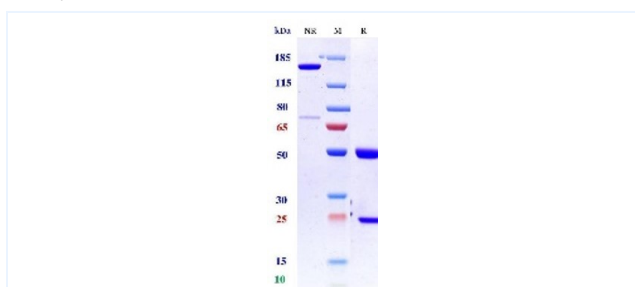


Product Details

Product name:	Anti-PD-L1 & TGF-β (Tqb2858 Biosimilar)	SKU:	BIO0969SM
Target Name:	PD-L1 & TGF-β	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	Q9NZQ7 & P01137	Concentration:	Lyophilized
Clone#:	Tqb2858 (Bispecific)	Isotype:	IgG-VHH
Reactivity:	Human	Calculated M.W.:	178.22 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

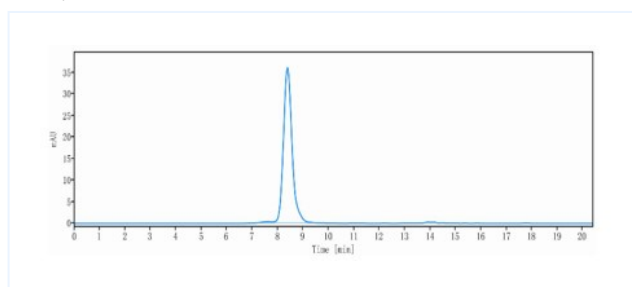
Data

Purity: SDS-PAGE



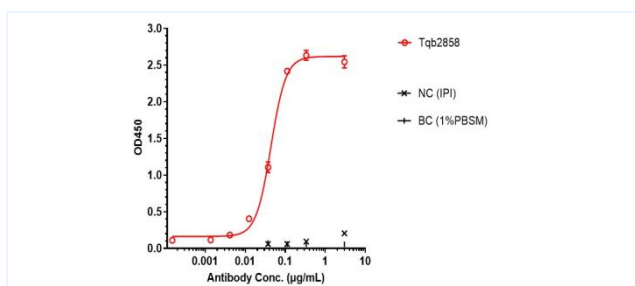
Anti-PD-L1 & TGF-Beta Reference Antibody (Tqb2858) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



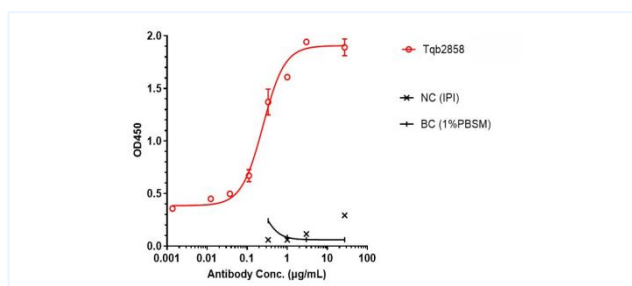
The purity of Anti-PD-L1 & TGF-Beta Reference Antibody (Tqb2858) is 99.12%, determined by SEC-HPLC.

ELISA



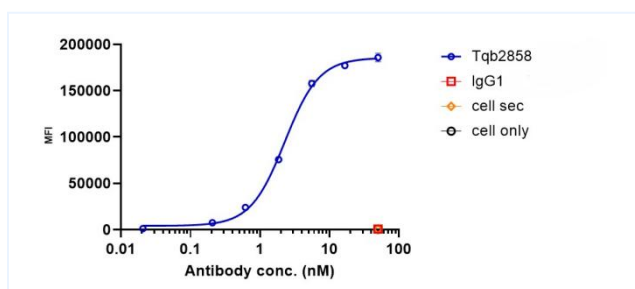
Tqb2858 bound to PD-L1 protein, and then rebounded to secondary antibodies(Anti-Human-κ+λ-HRP), and read OD450. As shown in fig, Tqb2858 bound to huPD-L1-Fc, and the EC50 was 0.044 nM.

ELISA



Tqb2858 bound to TGFβ1 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Tqb2858 bound to huTGFβ1-His, and the EC50 was 0.248 nM.

Bioactivity: FACS



Tqb2858 bound to huPD-L1-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Tqb2858 bound to huPD-L1-CHO-K cells, and the EC50 was 2.273 nM.