



CERTIFICATE OF ANALYSIS

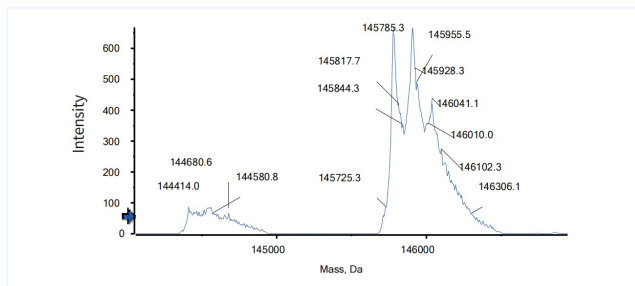


Product Details

Product name:	Anti-PD-1 & TIGIT Reference Antibody (Rilvegostomig)	Lot.No.:	P262495
Target:	PDCD1 / PD-1 / CD279, TIGIT / VSIG9 / VSTM3	Catalog:	CHBA009
Target Accession:	Q15116 & Q495A1	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	146.06 kDA
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

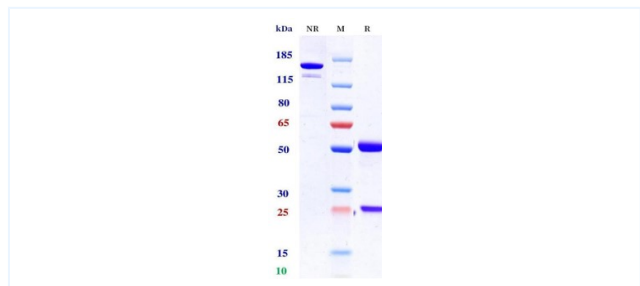
Data

MASS



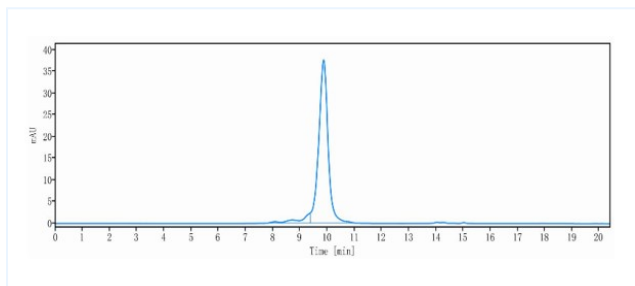
The detected weight of Anti-PD-1 & TIGIT Reference Antibody (Rilvegostomig) is 145.78 kDa.

Purity: SDS-PAGE



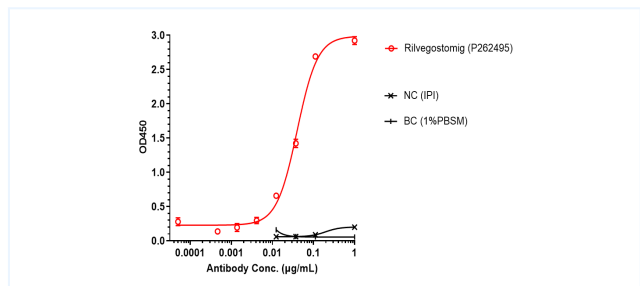
Anti-PD-1 & TIGIT Reference Antibody (Rilvegostomig) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



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

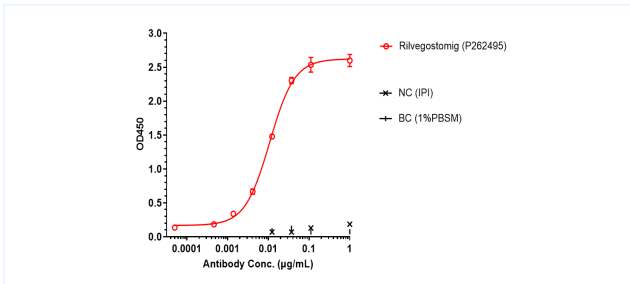
ELISA



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.

The products are for research use only. Not for use in diagnostic procedures.

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.

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