



CERTIFICATE OF ANALYSIS

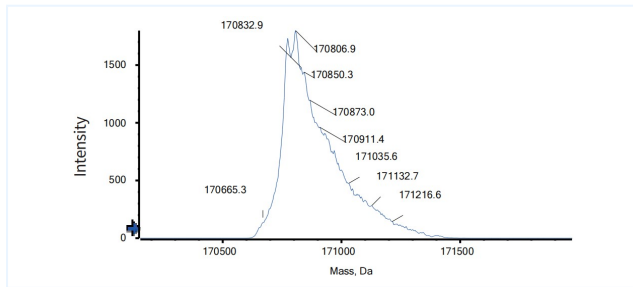


Product Details

Product name:	Anti-PD-L1 & VEGF Reference Antibody (Sotiburafusp alfa)	Lot.No.:	P262504
Target:	B7-H1 / PD-L1 / CD274, VEGF	Catalog:	CHBA011
Target Accession:	Q9NZQ7 & P15692	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-Fusion Protein
Reactivity:	Human	Molecular Weight (kDa) :	170.8 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

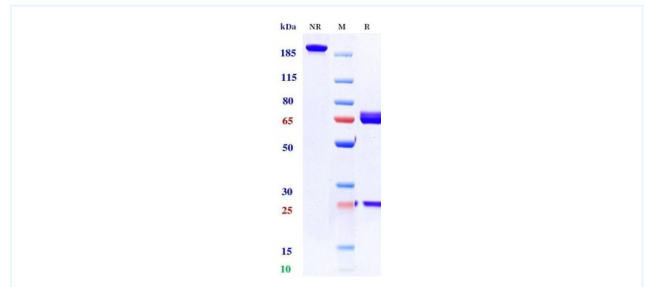
Data

MASS



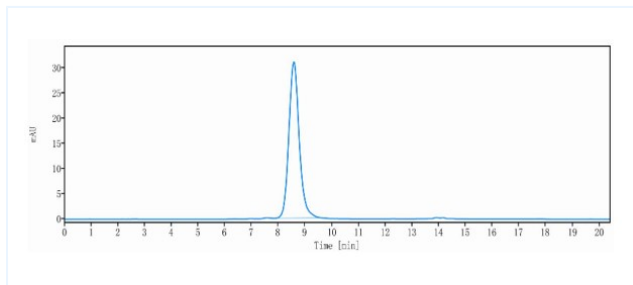
The detected molecular weight of Anti-PD-L1 & VEGF Reference Antibody (Sotiburafusp alfa) is 170.83 kDa.

Purity: SDS-PAGE



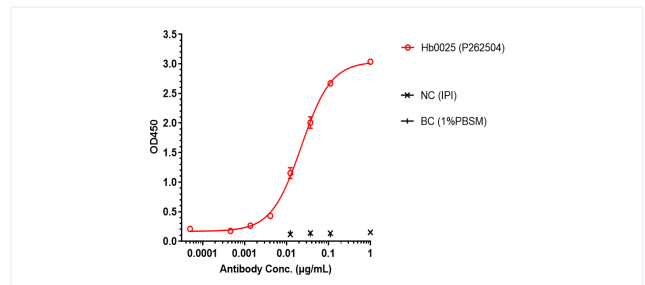
Anti-PD-L1 & VEGF Reference Antibody (Hb0025) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



The purity of Anti-PD-L1 & VEGF Reference Antibody (Hb0025) is 100%, determined by SEC-HPLC.

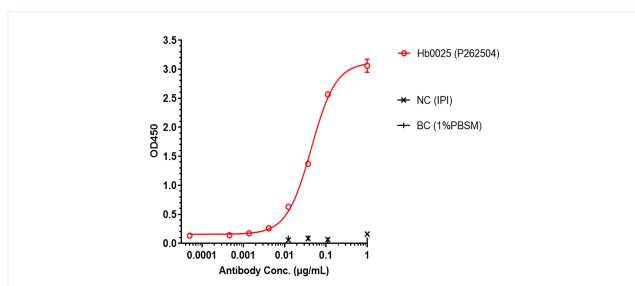
ELISA



Hb0025 bound to VEGF protein, and then rebounded to secondary antibodies (Anti Human-IgG-Fc-HRP), and read OD450. As shown in fig, Hb0025 bound to huVEGFA-His, and the EC50 was 0.022 nM.

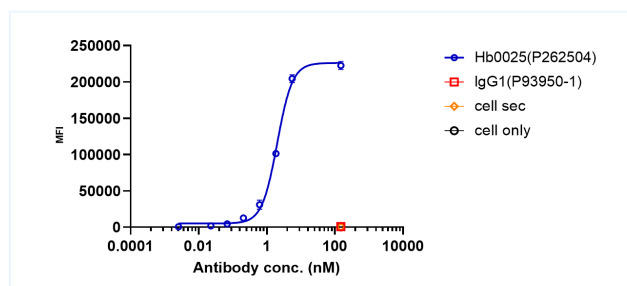
The products are for research use only. Not for use in diagnostic procedures.

ELISA



Hb0025 bound to PD-L1 protein, and then rebounded to secondary antibodies(Anti-Human- κ + λ -HRP), and read OD450. As shown in fig, Hb0025 bound to huPD-L1-Fc, and the EC50 was 0.044 nM.

Bioactivity: FACS



Hb0025 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, Hb0025 bound to huPD-L1-CHO-K cells, and the EC50 was 2.025 nM.

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