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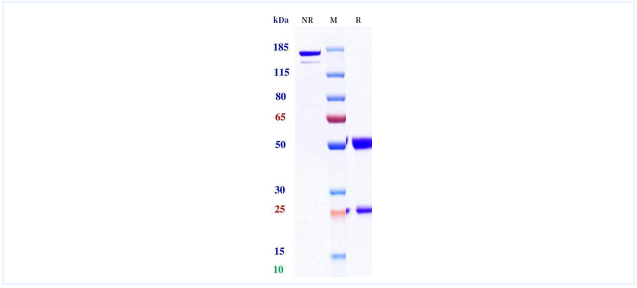
Product Details

Product name:	**Anti-PD-1 & PD-L1 (Reozalimab Biosimilar)**	**SKU:**	**BIO1018SM**
Target Name:	**PD-1 & PD-L1**	**Size:**	**100ug/ 1mg/ 5mg**
Target Uniprot:	**Q15116 & Q9NZQ7**	**Concentration:**	**Lyophilized**
Clone#:	**Reozalimab (Bispecific)**	**Isotype:**	**IgG-like**
Reactivity:	**Human**	**Calculated M.W.:**	**143.84 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_2O**	**Purification:**	**Protein A**

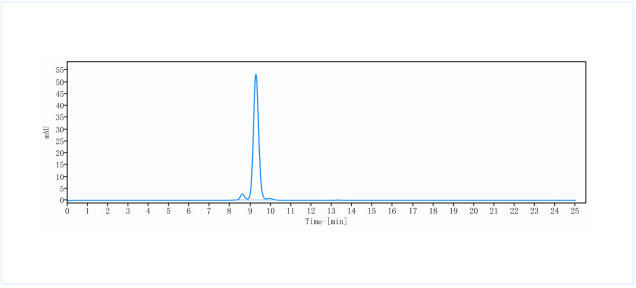
Data

Purity: SDS-PAGE



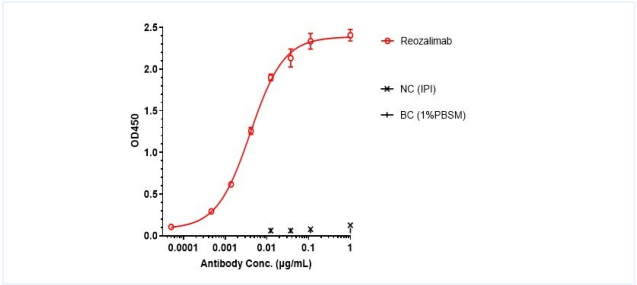
Anti-PD-1 & PD-L1 Reference Antibody (Reozalimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greaterthan 95%.

Purity: SEC-HPLC



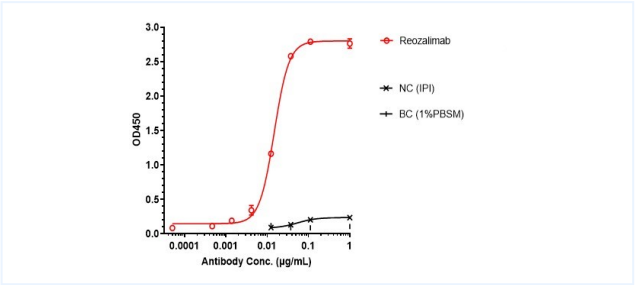
The purity of Anti-PD-1 & PD-L1 Reference Antibody (Reozalimab) is95.07%, determined by SEC-HPLC.

ELISA



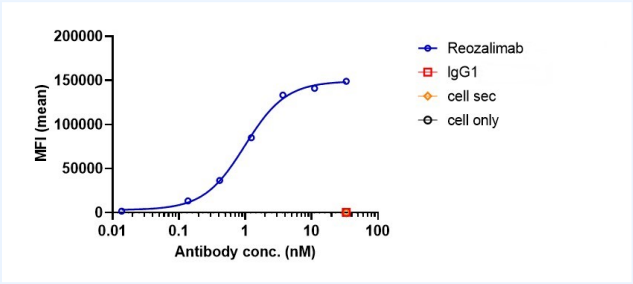
Reozalimab bound to PD-1 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Reozalimab bound to huPD-1-His, and the EC50 was 0.004 nM.

ELISA



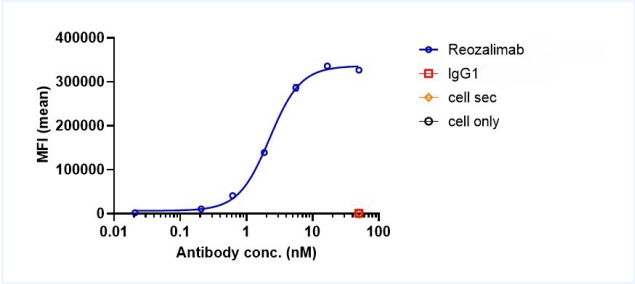
Reozalimab bound to PD-L1 protein, and then rebounded to secondary antibodies(Anti-human-κ+λ-HRP) , and read OD450. Asshown in fig, Reozalimab bound to huPD-L1-Fc, and the EC50 was 0.015 nM.

Bioactivity: FACS



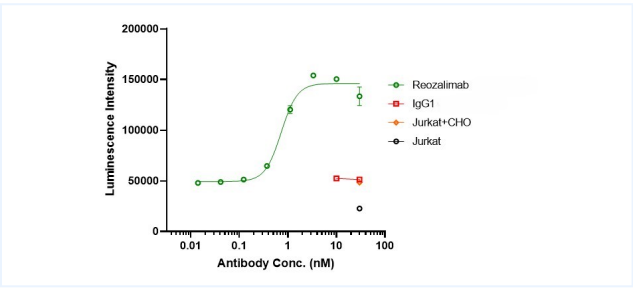
Reozalimab bound to huPD-1-Jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , andest by flow cytometry. As shown in fig, Reozalimab bound to huPD-1-Jurkat cells, and the EC50 was 0.990 nM.

Bioactivity: FACS



Reozalimab bound to huPD-L1-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Reozalimab bound to huPD-L1-CHO-K cells, and the EC50 was 2.237 nM.

Function: Luciferase



Co-incubation of Reozalimab with PD-1-NF-AT-Jurkat and CD3L-huPD-L1-CHO-K cells and incubated for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Reozalimab was able to block the PD-1/PD-L1 signaling pathway, and the EC50 was 0.728 nM.