

Anti-LAG-3 & PD-1 Reference Antibody (Tebotelimab)

Catalog # APR11611

Product Information

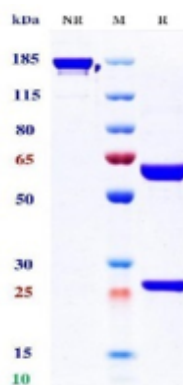
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P18627 & Q15116
Reactivity	Human
Clonality	Bispecific
Isotype	DART-DART-Fc

Additional Information

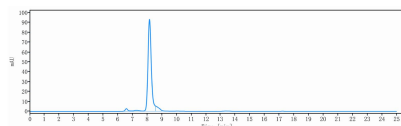
Target/Specificity	PDCD1 / PD-1 / CD279,LAG3 / CD223
Expression system	CHO

Protein Information

Images

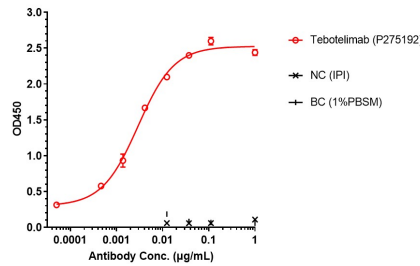
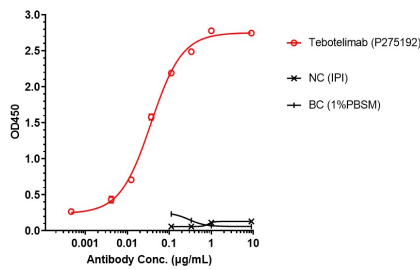


Anti-LAG-3 & PD-1 Reference Antibody (Tebotelimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

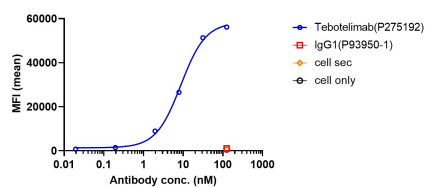


The purity of Anti-LAG-3 & PD-1 Reference Antibody (Tebotelimab) is 90.76%, determined by SEC-HPLC.

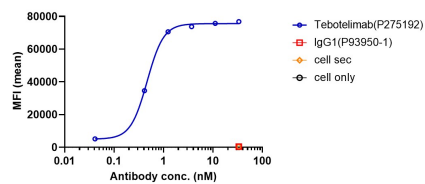
Tebotelimab bound to huLAG-3-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Tebotelimab bound to huLAG-3-CHO-K cells, and the EC50 was 8.727 nM.



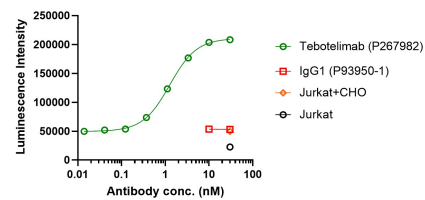
Tebotelimab bound to huPD-1-Jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Tebotelimab bound to huPD-1-Jurkatt cells, and the EC50 was 0.47 nM.



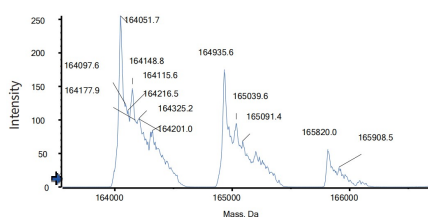
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Co-incubation of Tebotelimab with PD-1-NF-AT-Jurkat and CD3L-huPD-L1-CHO-K cells and incubated for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Tebotelimab was able to block the PD-1/PD-L1 signaling pathway, and the EC50 was 1.266 nM.



The detected molecular weight of Anti-LAG-3 & PD-1 Reference Antibody (Tebotelimab) is 164.05 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.