

Anti-PD-1 & TIM-3 Reference Antibody (Lomvastomig)

Catalog # APR11620

Product Information

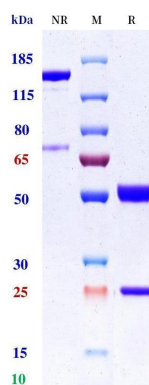
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q15116 & Q8TDQ0
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-like

Additional Information

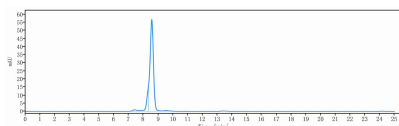
Target/Specificity	PDCD1 / PD-1 / CD279,TIM-3 / HAVCR2 / CD366
Expression system	CHO

Protein Information

Images

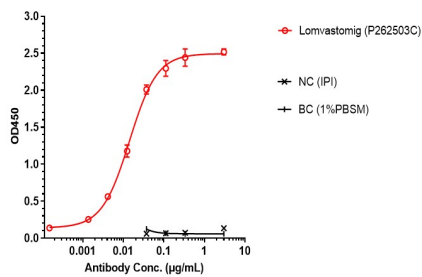


Anti-PD-1 & TIM-3 Reference Antibody (Lomvastomig) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

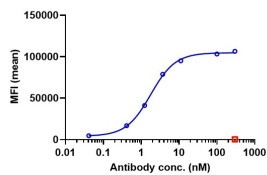
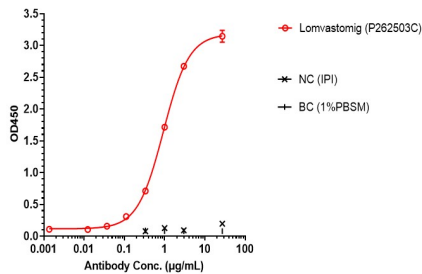


The purity of Anti-PD-1 & TIM-3 Reference Antibody (Lomvastomig) is 90.00%, determined by SEC-HPLC.

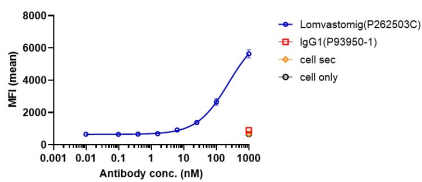
Lomvastomig bound to PD-1 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Lomvastomig bound to hu-PD-1-His, and the EC50 was 0.014 nM.



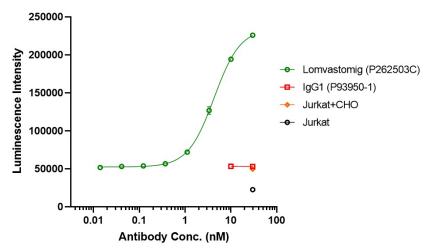
Lomvastomig bound to TIM-3 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Lomvastomig bound to hu-TIM-3-His, and the EC50 was 0.933 nM.



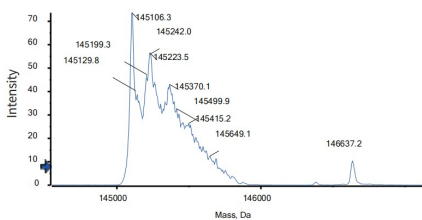
Lomvastomig bound to huPD-1-Jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Lomvastomig bound to huPD-1-Jurkat cells, and the EC50 was 1.788 nM.



Lomvastomig bound to huTIM3-FL-HEK293 cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Lomvastomig bound to huTIM3-FL-HEK293 cells, and the EC50 was 239.100 nM.



Co-incubation of Lomvastomig 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, Lomvastomig was able to block the PD-1/PD-L1 signaling pathway, and the EC50 was 4.300 nM.



The detected molecular weight of Anti-PD-1 & TIM-3 Reference Antibody (Lomvastomig) is 145.11 kDa.

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