

Anti-4-1BB & TPBG/5t4 Reference Antibody (Apv-527)

Catalog # APR11609

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q07011 & Q13641
Reactivity	Human
Clonality	Bispecific
Isotype	ScFv-Fc-ScFv

Additional Information

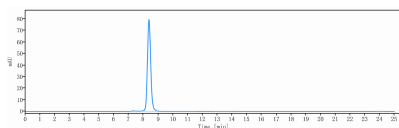
Target/Specificity	TNFRSF9 / 4-1BB / CD137,TPBG
Expression system	CHO

Protein Information

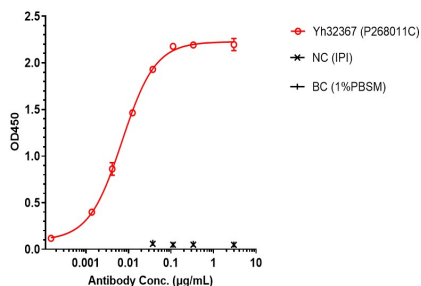
Images

Image not found : 202608/APR11609_1.png

Anti-4-1BB & TPBG/5t4 Reference Antibody (Apv-527) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

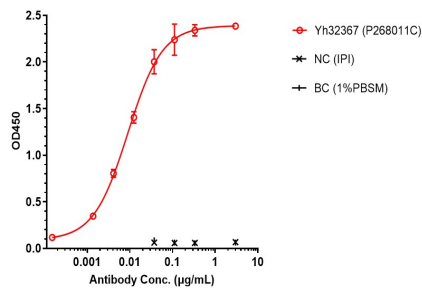


The purity of Anti-4-1BB & TPBG/5t4 Reference Antibody (Apv-527) is 98.99%, determined by SEC-HPLC.

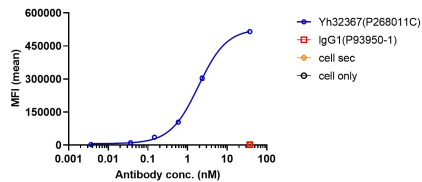
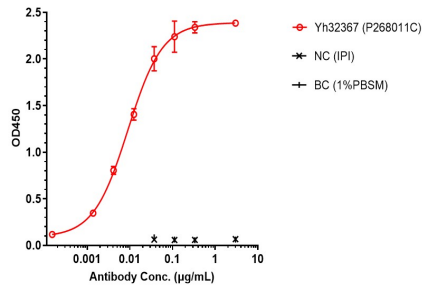


Yh32367 bound to 4-1BB protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-4-1BB-His, and the EC50 was 0.007 nM.

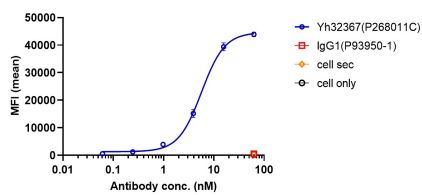
Yh32367 bound to Her2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-Her2-His, and the EC50 was 0.009 nM.



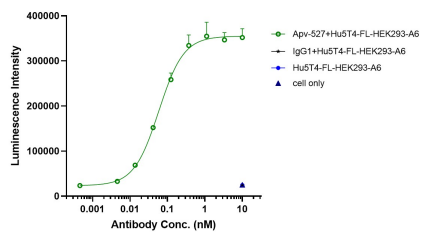
Yh32367 bound to Her2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-Her2-His, and the EC50 was 0.009 nM.



Yh32367 bound to BT474 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Yh32367 bound to BT474 cells, and the EC50 was 1.889 nM.



Yh32367 bound to hu4-1BB-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Yh32367 bound to hu4-1BB-CHO-K cells, and the EC50 was 5.701 nM.



Co-incubation of Yh32367 with 4-1BB-NF-κB-Jurkat cells, then with the addition of BT474 cells for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Yh32367 was able to activate the NF-κB signaling pathway, and the EC50 was 0.355 nM.

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