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Anti-4-1BB & HER2/neu Reference Antibody (Yh32367)

Catalog # APR11590

Product Information

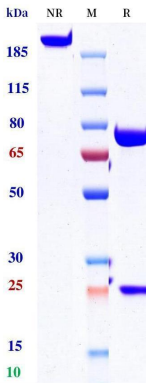
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q07011 & P04626
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-scFv

Additional Information

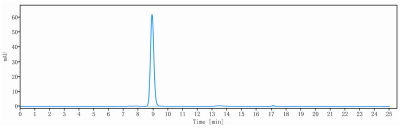
Target/Specificity	ERBB2 / HER2 / CD340,TNFRSF9 / 4-1BB / CD137
Expression system	CHO

Protein Information

Images

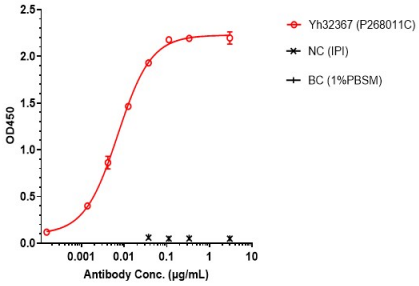


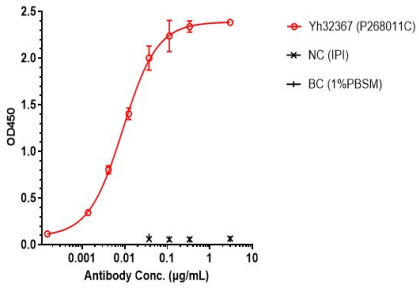
Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



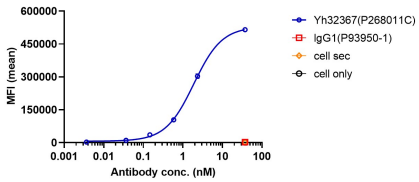
The purity of Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) is 98.99%, determined by SEC-HPLC.

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.

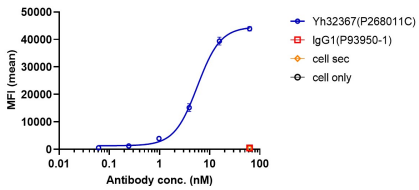




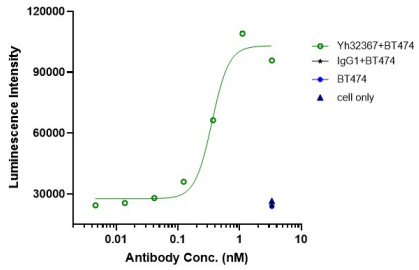
Yh32367 bound to Her2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-Her2-His, and the EC50 was 0.009 nM.



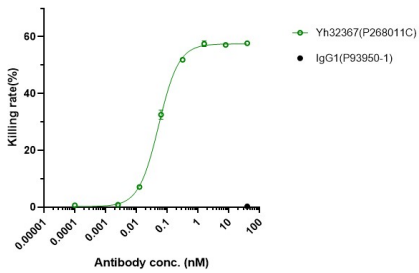
Yh32367 bound to BT474 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Yh32367 bound to BT474 cells, and the EC50 was 1.889 nM.



Yh32367 bound to hu4-1BB-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ 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.



Yh32367 bound to hu4-1BB-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ 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 BT474 cell and PBMCs for 4 hours, then LDH was detected to evaluate the ADCC activity of Yh32367. As shown in fig, Yh32367 has ADCC activity, and the IC50 was 0.054 nM.