

# Anti-4-1BB & FAP Reference Antibody (RO7122290)

Catalog # APR11584

## Product Information

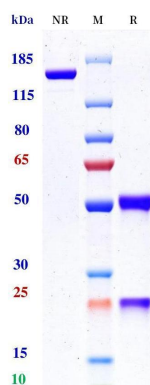
|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">Q07011 &amp; Q12884</a>                            |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Bispecific                                                     |
| <b>Isotype</b>           | IgG-VHH                                                        |

## Additional Information

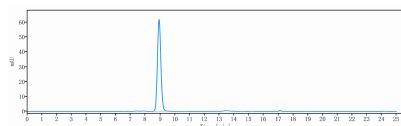
|                           |                             |
|---------------------------|-----------------------------|
| <b>Target/Specificity</b> | TNFRSF9 / 4-1BB / CD137,FAP |
| <b>Expression system</b>  | CHO                         |

## Protein Information

## Images

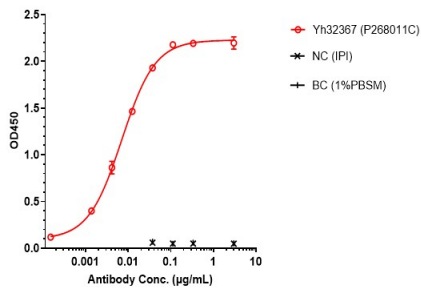


Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

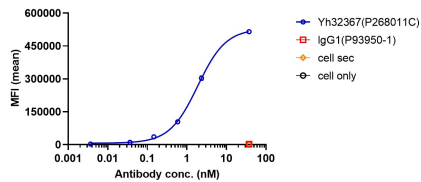
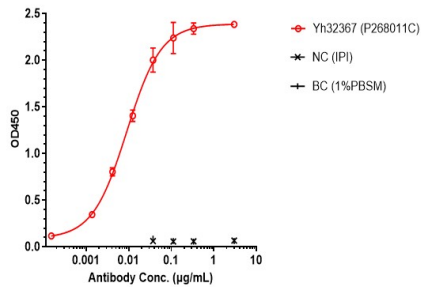


The purity of Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) is 98.99%, determined by SEC-HPLC.

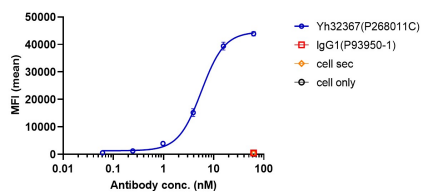
Yh32367 bound to 4-1BB protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-4-1BB-His, and the EC50 was 0.007 nM.



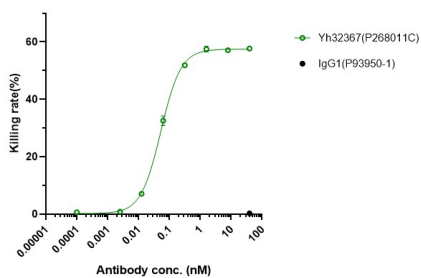
Yh32367 bound to Her2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-Her2-His, and the EC50 was 0.009 nM.



Yh32367 bound to BT474 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, 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 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.

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