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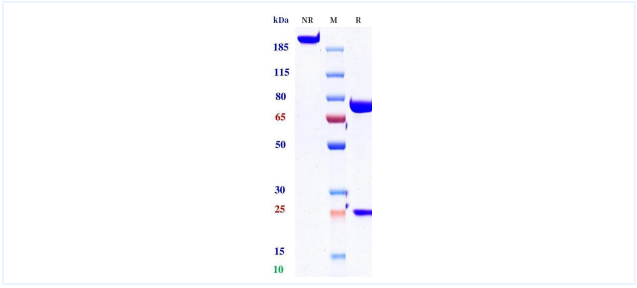
Product Details

Product name:	**Anti-4-1BB & HER2/neu (Yh32367 Biosimilar)**	**SKU:**	**BIO0988SM**
Target Name:	**4-1BB & HER2/neu**	**Size:**	**100ug/ 1mg/ 5mg**
Target Uniprot:	**Q07011 & P04626**	**Concentration:**	**Lyophilized**
Clone#:	**Yh32367 (Bispecific)**	**Isotype:**	**IgG-ScFv**
Reactivity:	**Human**	**Calculated M.W.:**	**200.52 kDa**
Application:	**ELISA, Bioactivity: FACS, Functional assay, Research in vivo**	**Endotoxin:**	**<0.001 EU/ug**
Formulation:	**100 mM Pro-Ac 20mM Arg pH 5.0**	**Conjugation:**	**None**
Storage:	**-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.**	**Expression System:**	**CHO**
Reconstitution:	**Dissolve with sterile ddH_2O**	**Purification:**	**Protein A**

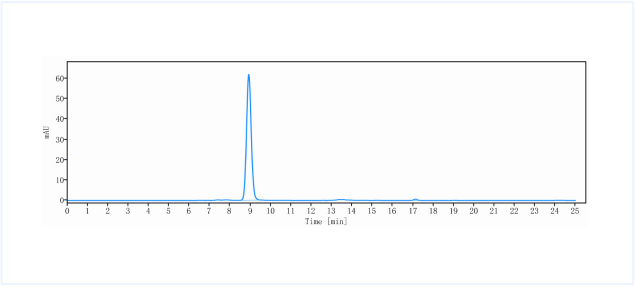
Data

Purity: SDS-PAGE



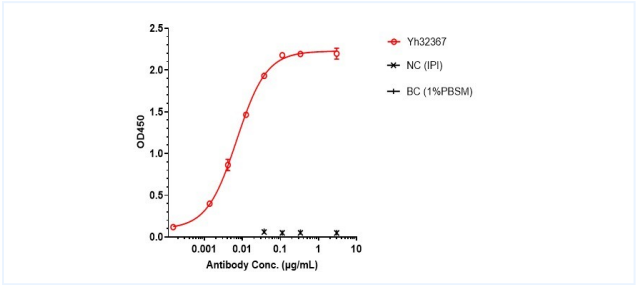
Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



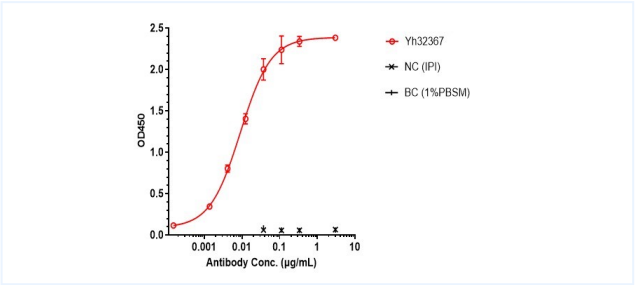
The purity of Anti-4-1BB & HER2/neu Reference Antibody (Yh32367) is 98.99%, determined by SEC-HPLC.

ELISA



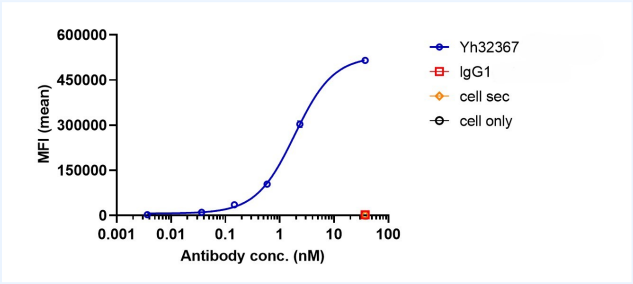
Yh32367 bound to 4-1BB protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig,Yh32367 bound to hu-4-1BB-His, and the EC50 was 0.007 nM.

ELISA



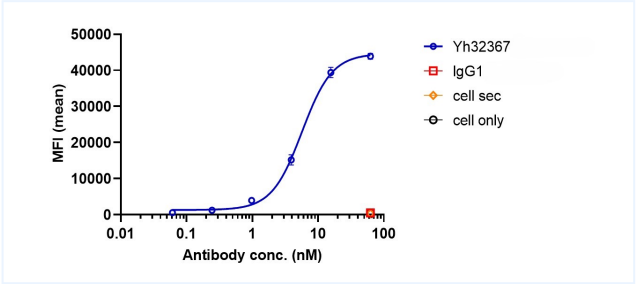
Yh32367 bound to Her2 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Yh32367 bound to hu-Her2-His, and the EC50 was 0.009 nM.

Bioactivity: FACS



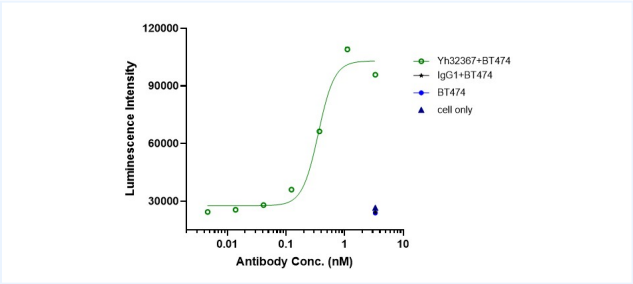
Yh32367 bound to BT474 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Yh32367 bound to BT474 cells, and theEC50 was 1.889 nM.

Bioactivity: FACS



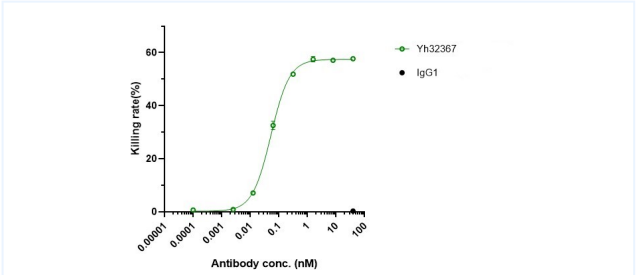
Yh32367 bound to hu4-1BB-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Yh32367 bound to hu4-1BB-CHO-K cells, and the EC50 was 5.701 nM.

Function: Luciferase



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

Function: ADCC



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.