

Anti-B7-H4 & CD3 Reference Antibody (Gen1047)

Catalog # APR11598

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q7Z7D3 & P07766
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-like

Additional Information

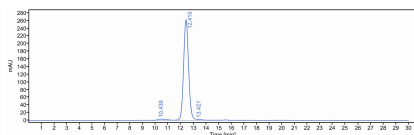
Target/Specificity	B7-H4 / VTCN1,CD3
Expression system	CHO

Protein Information

Images

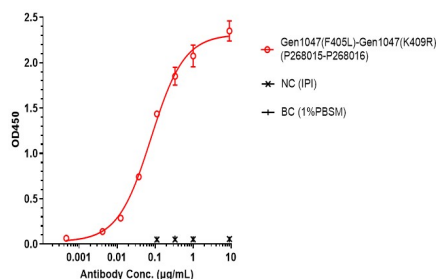


Anti-B7-H4 & CD3 Reference Antibody (Gen1047) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

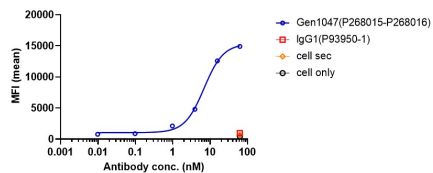


The purity of Anti-B7-H4 & CD3 Reference Antibody (Gen1047) is 97.20%, determined by SEC-HPLC.

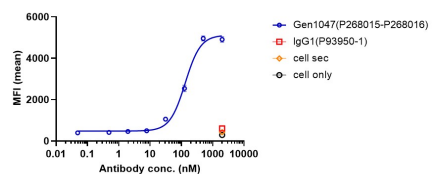
Gen1047 bound to B7-H4 protein, and then rebounded to secondary antibodies (Anti-Human-IgG-Fc-HRP), and read OD450. As shown in fig, Gen1047 bound human B7-H4 Protein-His, and the EC50 was 0.07805 nM.



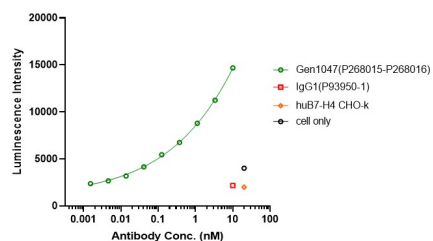
Gen1047 bound to huB7-H4 CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Gen1047 bound to huB7-H4 CHO-K cells, and the EC50 was 6.894 nM.



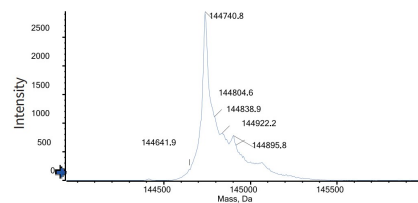
Gen1047 bound to huCD3e-jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Gen1047 bound to huCD3e-jurkat cells, and the EC50 was 132.600 nM.



Co-incubation of Gen1047 with Jurkat cells, then with the addition of huB7H4 CHO-k cells for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Gen1047 was able to activate the NF-AT signaling pathway.



The detected molecular weight of Anti-CD3 & B7-H4 Reference Antibody (Gen1047) is 144.74 kDa



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