

Anti-CD3 & TPBG Reference Antibody (Gen1044)

Catalog # APR11588

Product Information

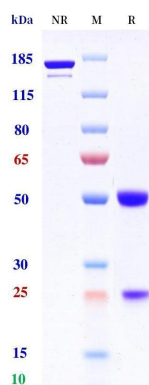
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P07766 & Q13641
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-like

Additional Information

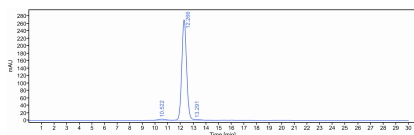
Target/Specificity	TPBG,CD3
Expression system	CHO

Protein Information

Images

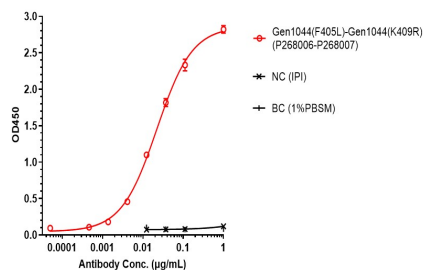


Anti-CD3 & TPBG Reference Antibody (Gen1044) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

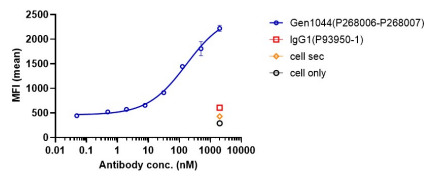


The purity of Anti-CD3 & TPBG Reference Antibody (Gen1044) is 97.30%, determined by SEC-HPLC.

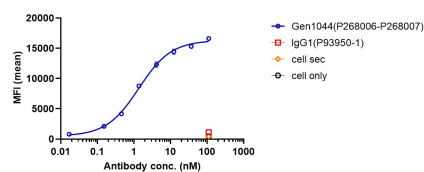
Gen1044 bound to TPBG protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Gen1044 bound to huTPBG-His, and the EC50 was 0.022 nM.



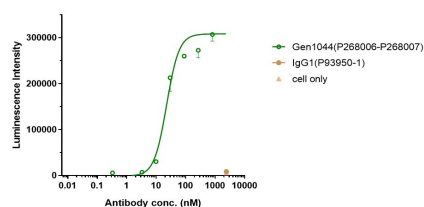
Gen1044 bound to MDA-MB-231 cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Gen1044 bound to MDA-MB-231 cells, and the EC50 was 1.367nM.



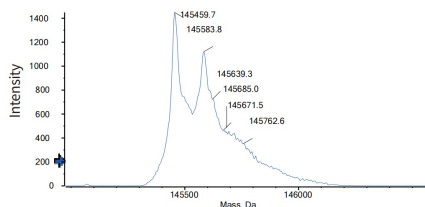
Gen1044 bound to huCD3e-jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Gen1044 bound to huCD3e-jurkat cells, and the EC50 was 168.700 nM.



Plated and cultivated Gen1044 at 4°C overnight, then with the addition of NF-AT-Jurkat cells for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Gen1044 was able to activate the NF-AT signaling pathway, and the EC50 was 22.560 nM.



The detected molecular weight of Anti-CD3 & TPBG Reference Antibody (Gen1044) is 145.46 kDa.



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