

Anti-EGFR & HER3 Reference Antibody (Duligotuzumab)

Catalog # APR11559

Product Information

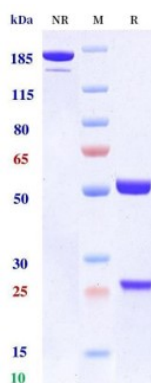
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P00533 & P21860
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-like

Additional Information

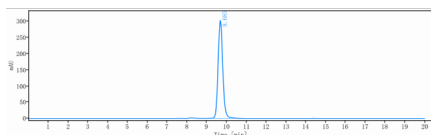
Target/Specificity	ERBB1 / EGFR / HER1,ERBB3 / HER3
Expression system	CHO

Protein Information

Images

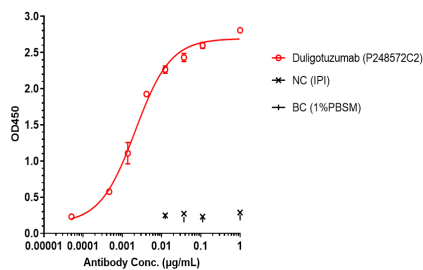


Anti-EGFR & HER3 Reference Antibody (Duligotuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

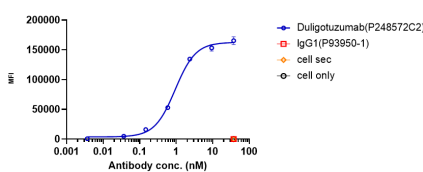
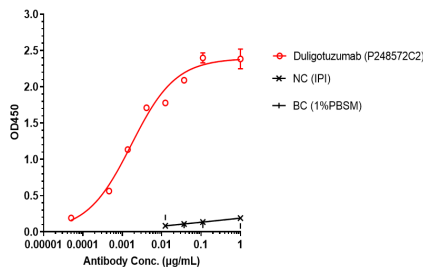


The purity of Anti-EGFR & HER3 Reference Antibody (Duligotuzumab (USAN)) is 100%, determined by SEC-HPLC.

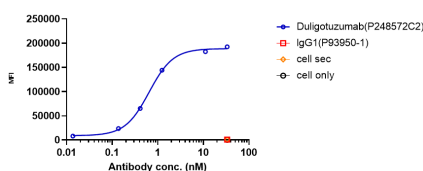
Duligotuzumab bound to EGFR protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Duligotuzumab bound to Human EGFR-his, and the EC50 was 0.002 nM.



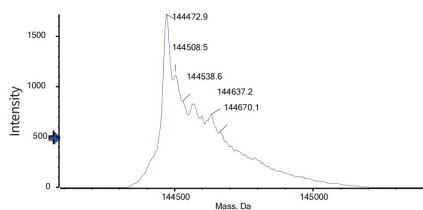
Duligotuzumab bound to HER3 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Duligotuzumab bound to Human-HER3-his, and the EC50 was 0.002 nM.



Duligotuzumab bound to EGFR-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Duligotuzumab bound to EGFR-CHO-K cells, and the EC50 was 0.937 nM.



Duligotuzumab bound to 0920-13 Hu-HER3-FL-HEK293-A4 cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Duligotuzumab bound to 0920-13 Hu-HER3-FL-HEK293-A4 cells, and the EC50 was 0.645 nM.



The detected molecular weight of Anti-EGFR & HER3 Reference Antibody (Duligotuzumab) is 144.47 kDa.

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