

Anti-EGFR & HER3 Reference Antibody (Izalontamab)

Catalog # APR11578

Product Information

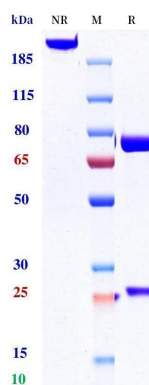
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P00533 & P21860
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-scFv

Additional Information

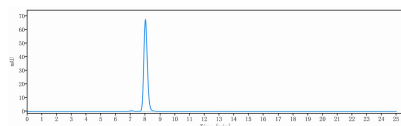
Target/Specificity	ERBB1 / EGFR / HER1,ERBB3 / HER3
Expression system	CHO

Protein Information

Images

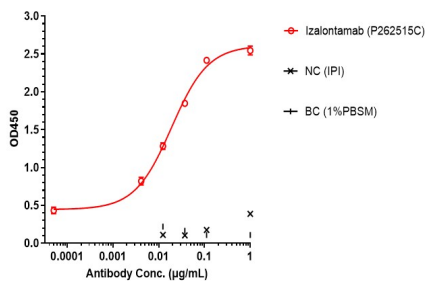


Anti-EGFR & HER3 Reference Antibody (Izalontamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

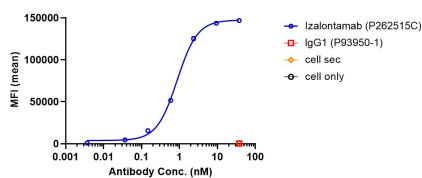
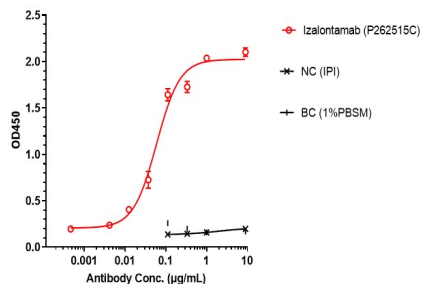


The purity of Anti-EGFR & HER3 Reference Antibody (Izalontamab) is 99.43%, determined by SEC-HPLC.

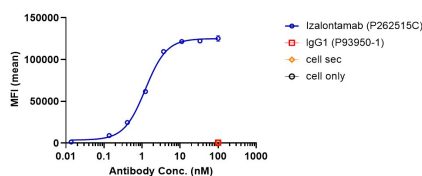
Izalontamab bound to EGFR protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Izalontamab bound to huEGFR-his, and the EC50 was 0.019 nM.



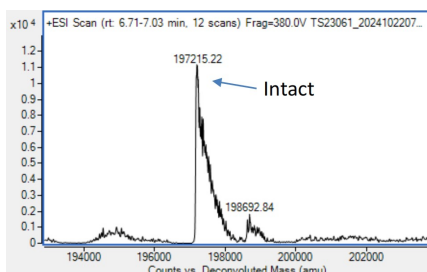
Izalontamab bound to HER3 protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Izalontamab bound to huHER3-his, and the EC₅₀ was 0.059 nM.



Izalontamab 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, Izalontamab bound to EGFR-CHO-K cells, and the EC₅₀ was 0.937 nM.



Izalontamab bound to hu-HER3-FL-HEK293 cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Izalontamab bound to hu-HER3-FL-HEK293 cells, and the EC₅₀ was 1.225 nM.



The detected molecular weight of Anti-EGFR & HER3 Reference Antibody (Izalontamab) is 197.21 kDa.

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