

Anti-HER3 & IGF-1R Reference Antibody (Istiratumab)

Catalog # APR11565

Product Information

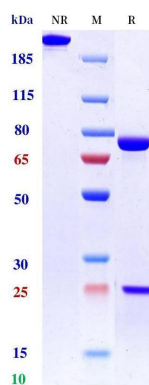
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P21860 & P08069
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-scFv

Additional Information

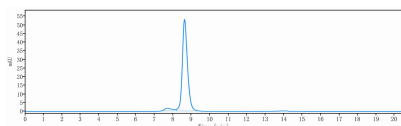
Target/Specificity	ERBB3 / HER3,IGF1-R / IGFR1 / CD221
Expression system	CHO

Protein Information

Images

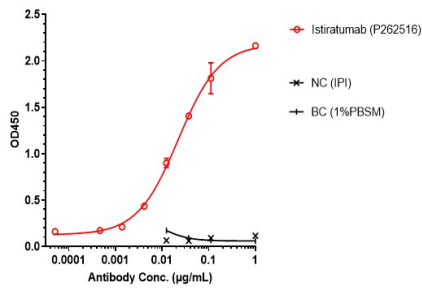


Anti-HER3 & IGF-1R Reference Antibody (Istiratumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

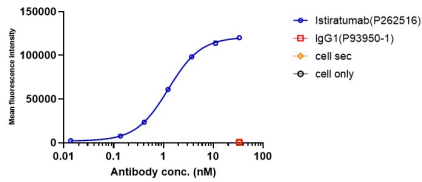
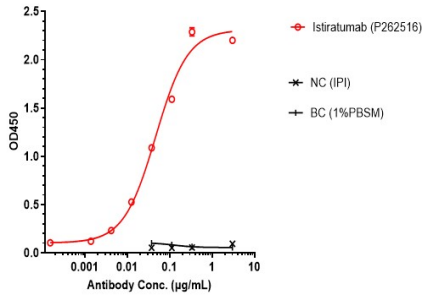


The purity of Anti-HER3 & IGF-1R Reference Antibody (Istiratumab) is 95.55 %, determined by SEC-HPLC.

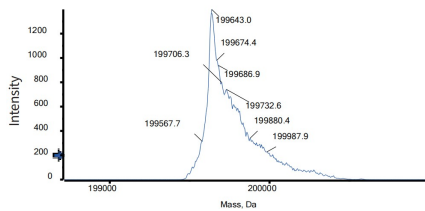
Istiratumab bound to 4-1BB protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Istiratumab bound to Human IGF-1R-His, and the EC50 was 0.022 nM.



Istiratumab bound to HER3 protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Istiratumab bound to Human HER3-His, and the EC50 was 0.046 nM.



Istiratumab 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, Istiratumab bound to 0920-13 Hu-HER3-FL-HEK293-A4 cells, and the EC50 was 1.257 nM.



The detected molecular weight of Anti-HER3 & IGF-1R Reference Antibody (Istiratumab) is 199.64 kDa.

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