

Anti-cMet & EGFR Reference Antibody (Amivantamab)

Catalog # APR11599

Product Information

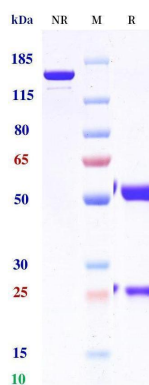
Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P08581 & P00533
Reactivity	Human
Clonality	Bispecific
Isotype	IgG-like

Additional Information

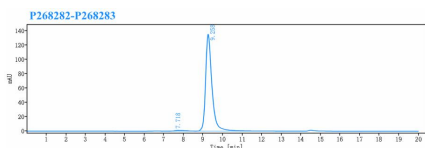
Target/Specificity	HGFR / c-Met,ERBB1 / EGFR / HER1
Expression system	CHO

Protein Information

Images

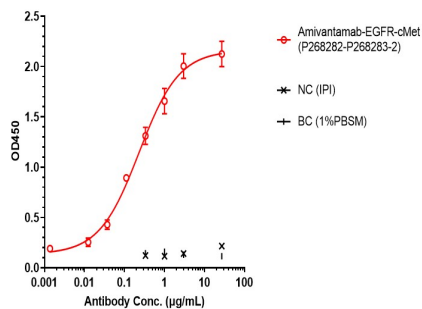


Anti-cMet & EGFR Reference Antibody (Amivantamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

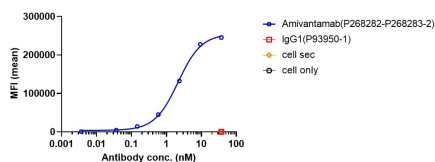
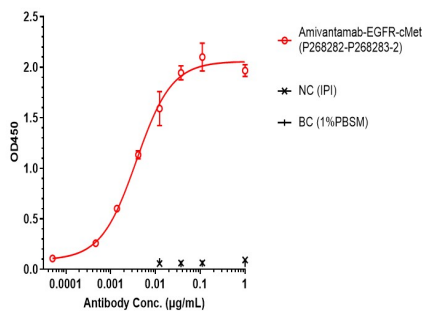


The purity of Anti-cMet & EGFR Reference Antibody (Amivantamab) is 98.79%, determined by SEC-HPLC.

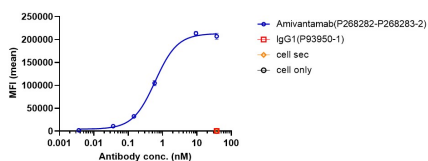
Amivantamab bound to ERBB1/EGFR/HER1 protein, and then rebounded to secondary antibodies(Anti-Human- κ + λ -HRP) , and read OD450. As shown in fig, Amivantamab bound human ERBB1/EGFR/HER1 Protein-Fc, and the EC50 was 0.232 nM.



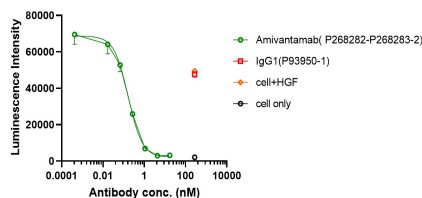
Amivantamab bound to cMet protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Amivantamab bound human cMet Protein-His, and the EC50 was 0.004 nM.



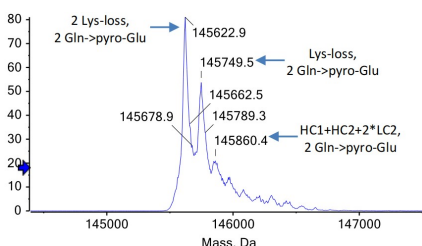
Amivantamab bound to EGFR-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Amivantamab bound to EGFR-CHO-K cells, and the EC50 was 2.161 nM.



Amivantamab bound to huMet-HEK293(A3) cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Amivantamab bound to huMet-HEK293(A3) cells, and the EC50 was 0.609 nM.



Co-incubation of Amivantamab with HGF, then with the addition of Human c-MET (Luc) HEK293 Reporter cells and incubated for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Amivantamab was able to block HGF/c-Met signaling pathway, and the IC50 was 0.166 nM.



The detected molecular weight of Anti-EGFR & c-Met Reference Antibody (Amivantamab) is 145.62 kDa.

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