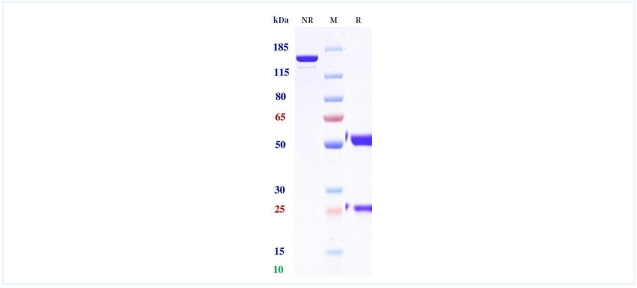
www.bioss.com.cn
400-901-9800
sales@bioss.com.cn
support@bioss.com.cn

Product Details

Product name:	**Anti-cMet & EGFR (Amivantamab Biosimilar)**	**SKU:**	**BIO0014SM**
Target Name:	**cMet & EGFR**	**Size:**	**100ug/ 1mg/ 5mg**
Target Uniprot:	**P08581 & P00533**	**Concentration:**	**Lyophilized**
Clone#:	**Amivantamab (Bispecific)**	**Isotype:**	**IgG-like**
Reactivity:	**Human**	**Calculated M.W.:**	**145.9 kDa**
Application:	**ELISA, Bioactivity: FACS, Functional assay, Research in vivo**	**Endotoxin:**	**<0.001 EU/ug**
Formulation:	**100 mM Pro-Ac 20mM Arg pH 5.0**	**Conjugation:**	**None**
Storage:	**-20°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.**	**Expression System:**	**CHO**
Reconstitution:	**Dissolve with sterile ddH_2O**	**Purification:**	**Protein A**

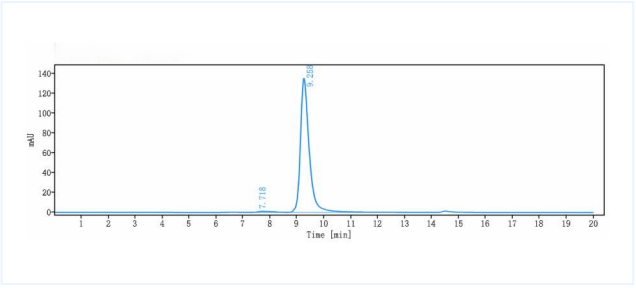
Data

Purity: SDS-PAGE



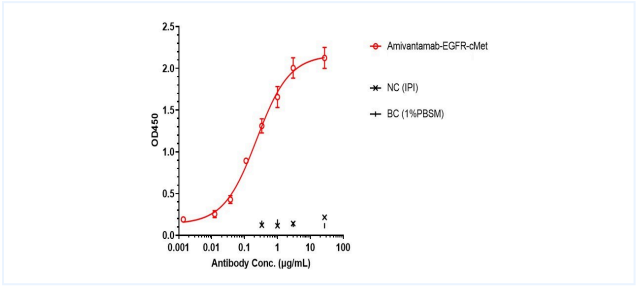
Anti-cMet & EGFR Reference Antibody (Amivantamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



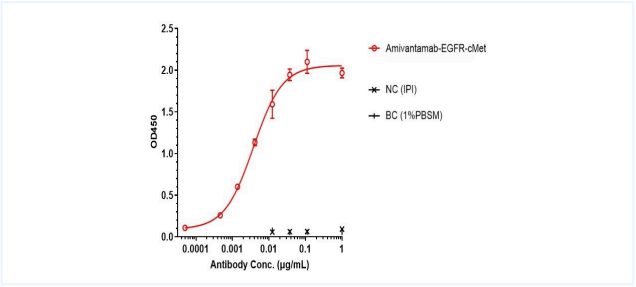
The purity of Anti-cMet & EGFR Reference Antibody (Amivantamab) is 98.79% , determined by SEC-HPLC.

ELISA



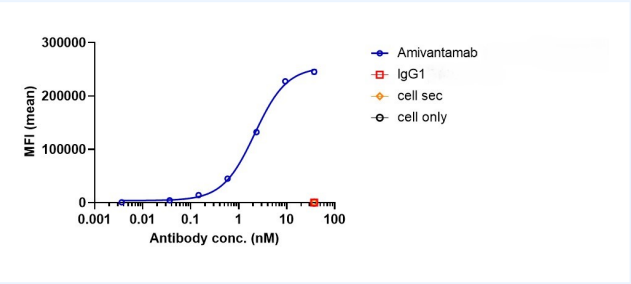
Amivantamab bound to ERBB1/EGFR/HER1 protein, and then rebounded to secondary antibodies(Anti-Human-κ+λ-HRP) , and read OD450. As shown in fig, Amivantamab bound human ERBB1/EGFR/HER1 Protein-Fc, and the EC50 was 0.232 nM.

ELISA



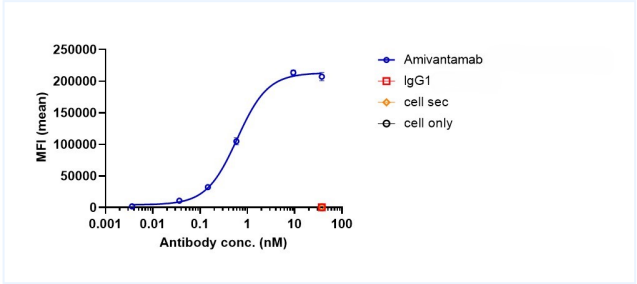
Amivantamab bound to cMet protein, and then rebounded to secondary antibodies(Anti-Human-IgG-Fc-HRP) , and read OD450. As shown in fig, Amivantamab bound human cMet Protein-His, and the EC50 was 0.004 nM.

Bioactivity: FACS



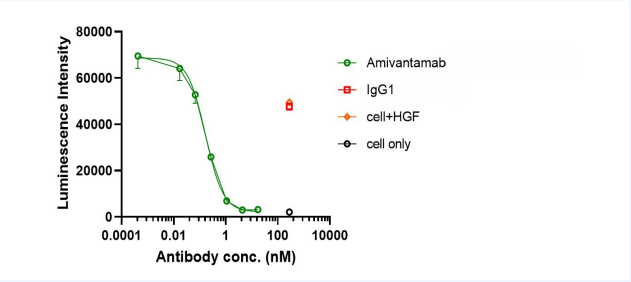
Amivantamab bound to EGFR-CHO-K cells, and then rebounded to fluorescent secondary antibodies(Anti-Human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Amivantamab bound to EGFR-CHO-K cells, and the EC50 was 2.161 nM.

Bioactivity: FACS



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

Function: Luciferase



Co-incubation of Amivantamab with HGF, then with the addition of Human c-MET (Luc) HEK293 Reporter cells and incubated for 6 hoursBright-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.