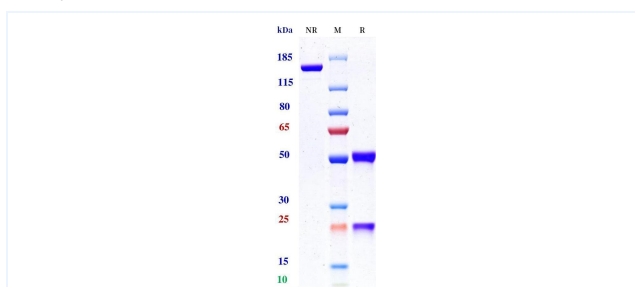


Product Details

Product name:	Anti-CD28 & EGFR (Regn7075 Biosimilar)	SKU:	BIO0987SM
Target Name:	CD28 & EGFR	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P10747 & P00533	Concentration:	Lyophilized
Clone#:	Regn7075 (Bispecific)	Isotype:	IgG-like
Reactivity:	Human	Calculated M.W.:	145.24 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 ₂ O	Purification:	Protein A

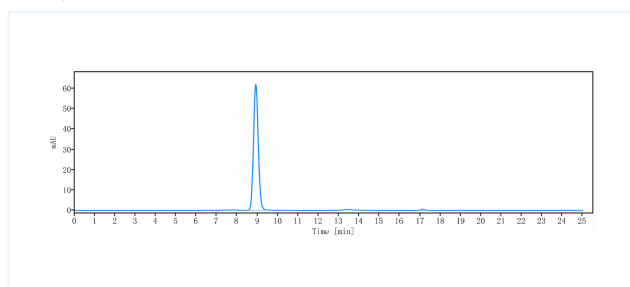
Data

Purity: SDS-PAGE



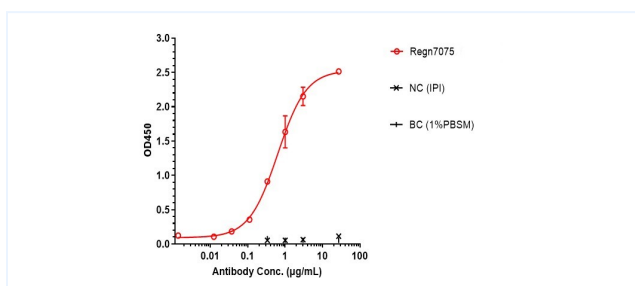
Anti-CD28 & EGFR Reference Antibody (Regn7075) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



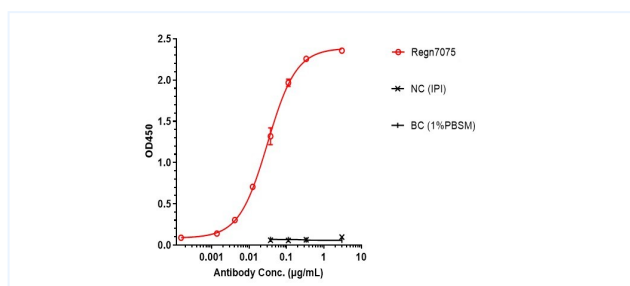
The purity of Anti-CD28 & EGFR Reference Antibody (Regn7075) is 99.31% , determined by SEC-HPLC.

ELISA



Regn7075 bound to CD28 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Regn7075 bound to huCD28-His, and the EC50 was 0.631 nM.

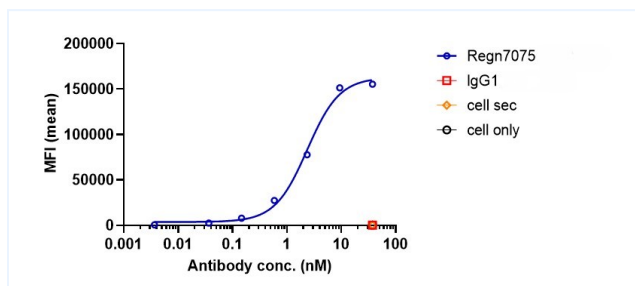
ELISA



Regn7075 bound to EGFR protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Regn7075 bound to huEGFR-His, and the EC50 was 0.031 nM.

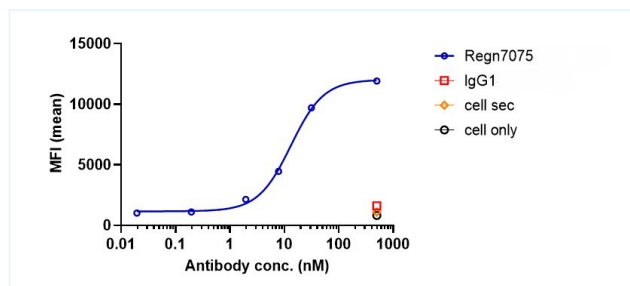
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Bioactivity: FACS



Regn7075 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, Regn7075 bound to EGFR-CHO-K cells, and the EC50 was 2.363 nM.

Bioactivity: FACS



Regn7075 bound to hu CD28-FL-CHO cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Regn7075 bound to hu CD28-FL-CHO cells, and the EC50 was 13.190 nM.