



CERTIFICATE OF ANALYSIS

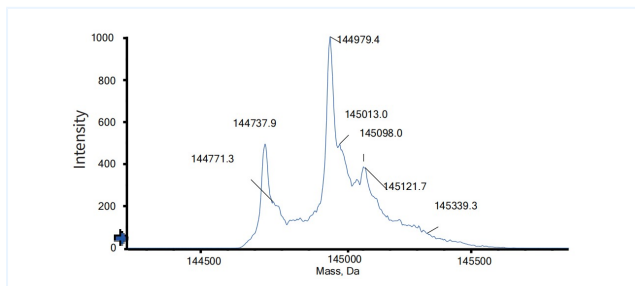


Product Details

Product name:	Anti-CD28 & EGFR Reference Antibody (Regn7075)	Lot.No.:	P268010
Target:	ERBB1 / EGFR / HER1, CD28	Catalog:	CHBA038
Target Accession:	P10747 & P00533	Concentration :	1 mg/mL
Clonality:	Bispecific	Isotype:	IgG-like
Reactivity:	Human	Molecular Weight (kDa) :	145.24 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

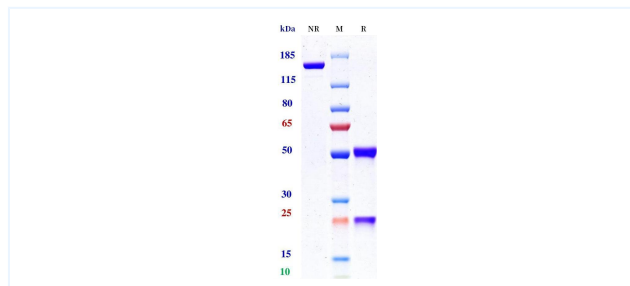
Data

MASS



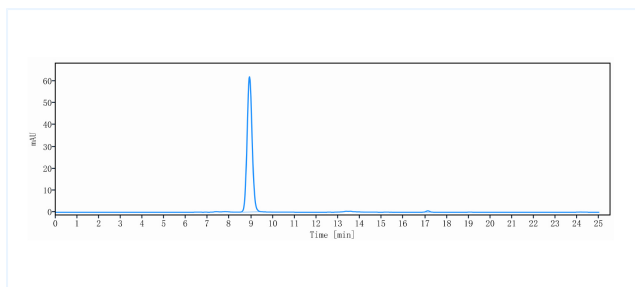
The detected molecular weight of Anti-EGFR & CD28 Reference Antibody (Regn7075) is 144.98 kDa.

Purity: SDS-PAGE



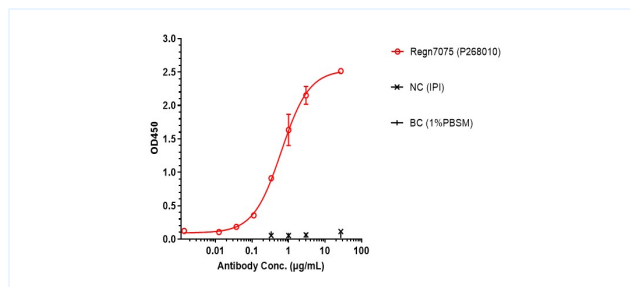
Anti-CD28 & EGFR Reference Antibody (Regn7075) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



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

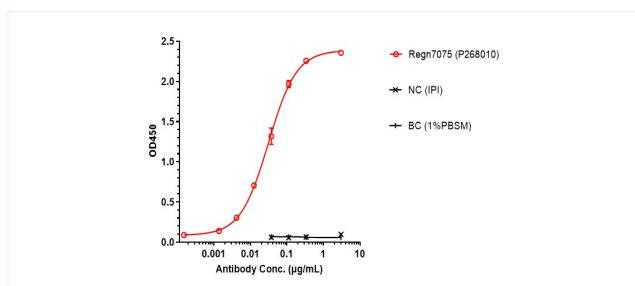
ELISA



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.

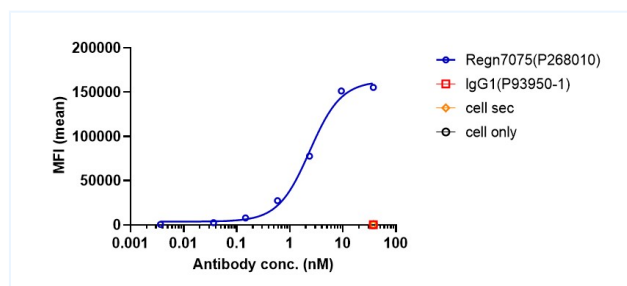
The products are for research use only. Not for use in diagnostic procedures.

ELISA



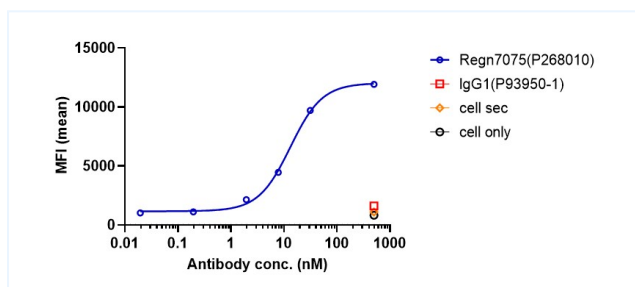
Regn7075 bound to EGFR protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Regn7075 bound to huEGFR-His, and the EC50 was 0.031 nM.

Bioactivity: FACS



Regn7075 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, 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, Fcy 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.

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