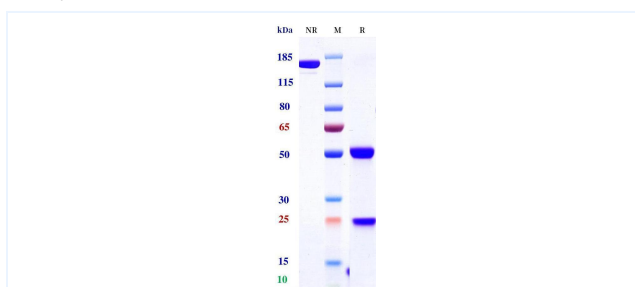


## Product Details

Product name:	Anti-CD28 & PSMA (Nezastomig Biosimilar)	SKU:	BIO1005SM
Target Name:	CD28 & PSMA	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P10747 & Q04609	Concentration:	Lyophilized
Clone#:	Nezastomig (Bispecific)	Isotype:	IgG-like
Reactivity:	Human	Calculated M.W.:	145.86 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 <sub>2</sub> O	Purification:	Protein A

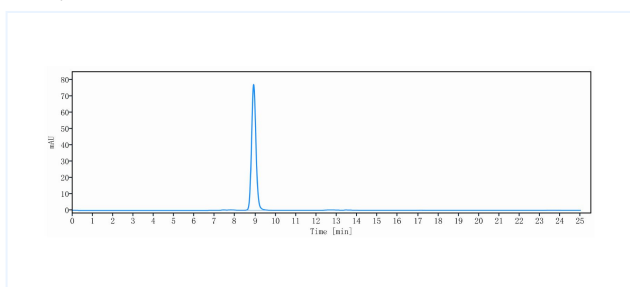
## Data

### Purity: SDS-PAGE



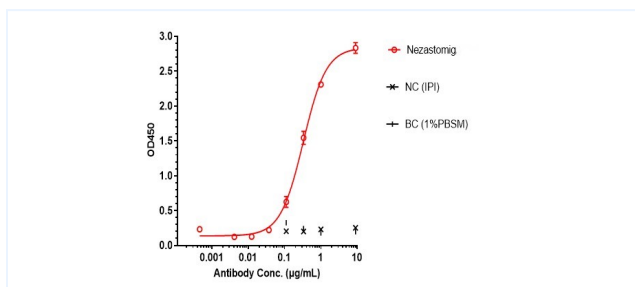
Anti-CD28 & PSMA Reference Antibody (Nezastomig) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

### Purity: SEC-HPLC



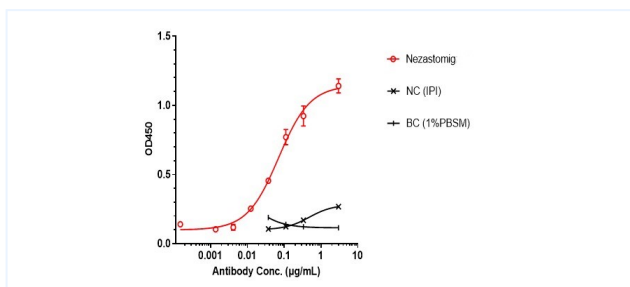
The purity of Anti-CD28 & PSMA Reference Antibody (Nezastomig) is more than 99.37%, determined by SEC-HPLC.

### ELISA



Nezastomig bound to CD28 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig, Nezastomig bound to huCD28-His, and the EC50 was 0.328 nM.

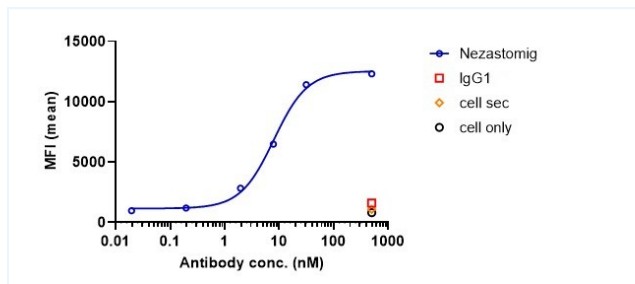
### ELISA



Nezastomig bound to PSMA protein, and then rebounded to secondary antibodies(Anti-human-κ+λ-HRP) , and read OD450. As shown in fig, Nezastomig bound to hu-PSMA-Fc, and the EC50 was 0.071 nM.

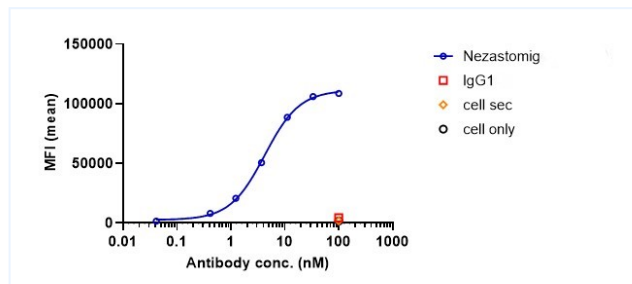
**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

#### Bioactivity: FACS



Nezastomig 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, Nezastomig bound to hu CD28-FL-CHO cells, and the EC50 was 7.575 nM.

#### Bioactivity: FACS



Nezastomig bound to hu-PSMA-FL-CHO cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Nezastomig bound to hu-PSMA-FL-CHO cells, and the EC50 was 4.252 nM.