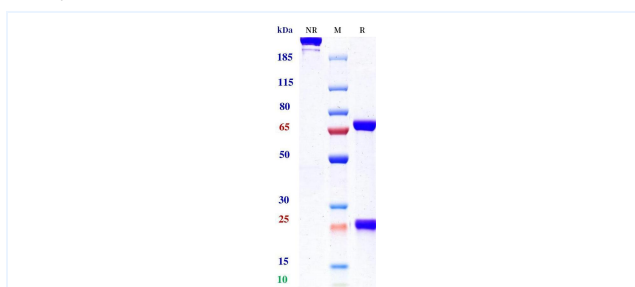


## Product Details

Product name:	Anti-BCMA & CD3 (Emb-06 Biosimilar)	SKU:	BIO0989SM
Target Name:	BCMA & CD3	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	Q02223 & P07766	Concentration:	Lyophilized
Clone#:	Emb-06 (Bispecific)	Isotype:	Fab-IgG
Reactivity:	Human	Calculated M.W.:	241.36 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

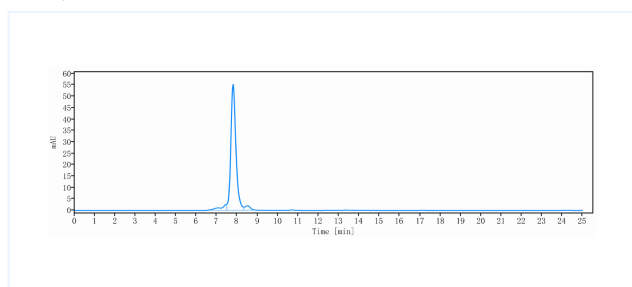
## Data

### Purity: SDS-PAGE



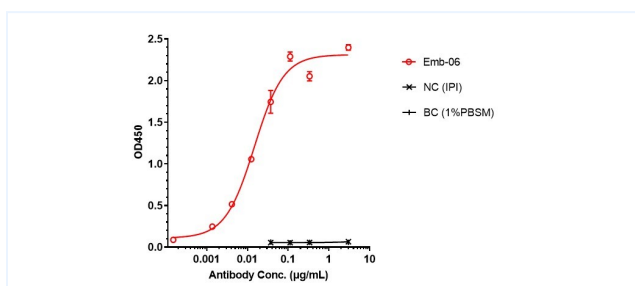
Anti-BCMA & CD3 Reference Antibody (Emb-06) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity: SEC-HPLC



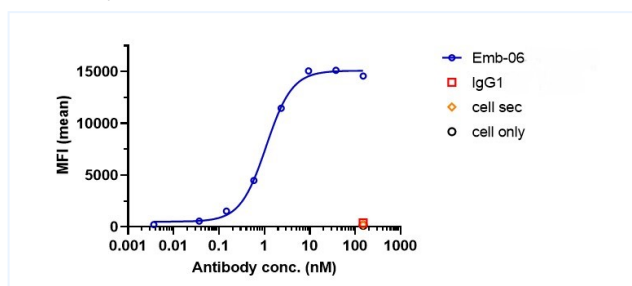
The purity of Anti-BCMA & CD3 Reference Antibody (Emb-06) is 91.32%, determined by SEC-HPLC.

### ELISA



Emb-06 bound to BCMA protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig,Emb-06 bound to huBCMA-ECD-His, and the EC50 was 0.015 nM.

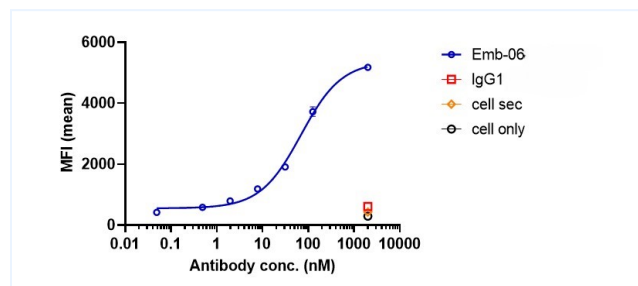
### Bioactivity: FACS



Emb-06 bound to huBCMA-HEK293 cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcy PE) , and test by flow cytometry. As shown in fig, Emb-06 bound to huBCMA-HEK293 cells, and the EC50 was 1.098 nM.

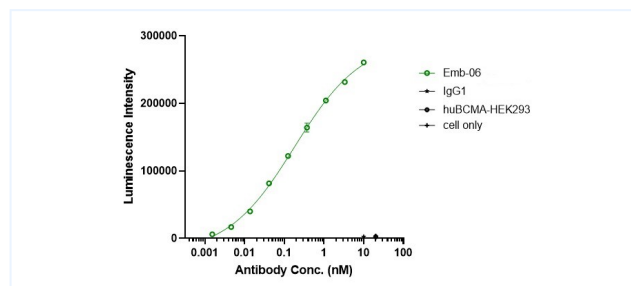
**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### Bioactivity: FACS



Emb-06 bound to huCD3e-jurkat cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , and test by flow cytometry . As shown in fig, Emb-06 bound to huCD3e-jurkat cells, and the EC50 was 69.310 nM.

### Function: Luciferase



Co-incubation of Emb-06 with Jurkat cells, then with the addition of huBCMA-HEK293 cells for 6 hours. Bright-Lite was used to detect the fluorescent signal. As shown in fig, Emb-06 was able to activate the NF-AT signaling pathway, and the EC50 was 0.181 nM.