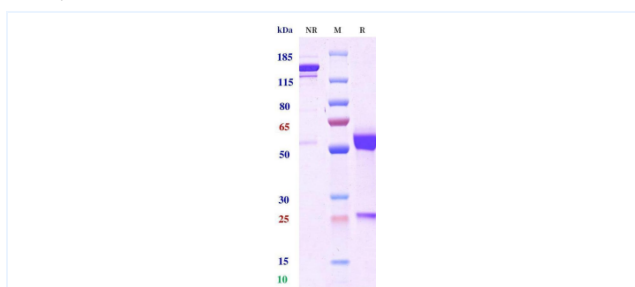


Product Details

Product name:	Anti-BCMA & BCMA & CD3 (TNB-383B Biosimilar)	SKU:	BIO0973SM
Target Name:	BCMA & BCMA & CD3	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	Q02223 & Q02223 & P07766	Concentration:	Lyophilized
Clone#:	TNB-383B (Trispecific)	Isotype:	Half IgG+ScFv
Reactivity:	Human	Calculated M.W.:	123.79 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

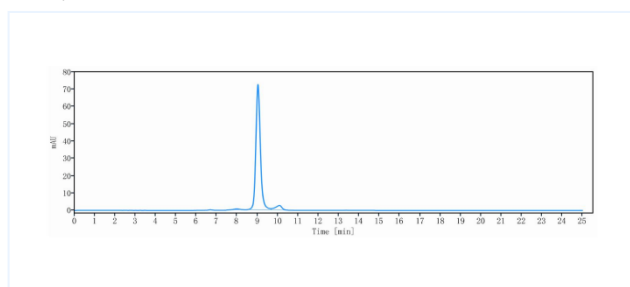
Data

Purity: SDS-PAGE



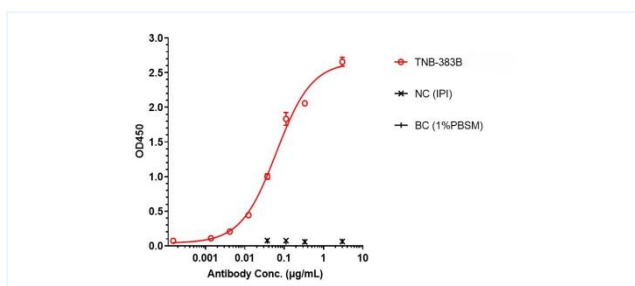
Anti-BCMA & BCMA & CD3 Reference Antibody (TNB-383B) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



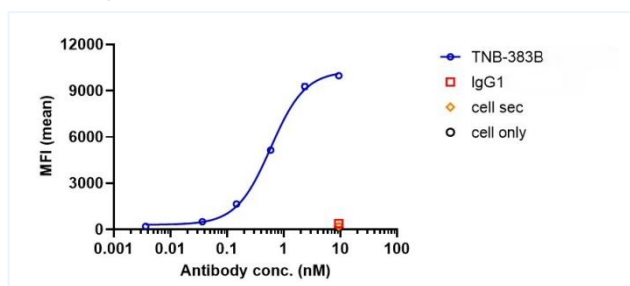
The purity of Anti-BCMA & BCMA & CD3 Reference Antibody (TNB-383B) is 97.60%, determined by SEC-HPLC.

ELISA



TNB-383B bound to BCMA protein, and then rebounded to secondary antibodies (Anti-human-IgG-Fc-HRP), and read OD450. As shown in fig, Tnb-383B bound to huBCMA-ECD-His, and the EC₅₀ was 0.063 nM.

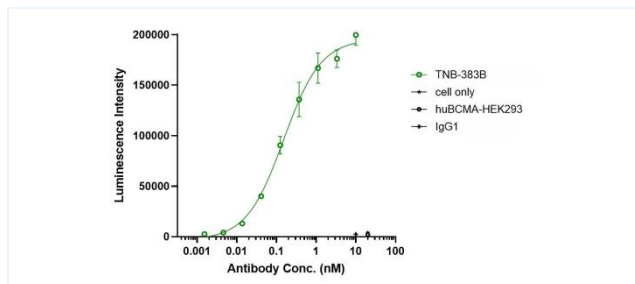
Bioactivity: FACS



TNB-383B bound to huBCMA-HEK293 cells, and then rebounded to fluorescent secondary antibodies (Anti-human IgG, Fcγ PE), and test by flow cytometry. As shown in fig, TNB-383B bound to huBCMA-HEK293 cells, and the EC₅₀ was 0.588 nM.

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

Function: Luciferase



Co-incubation of TNB-383B 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, TNB-383B was able to activate the NF-AT signaling pathway, and the EC50 was 0.152 nM.