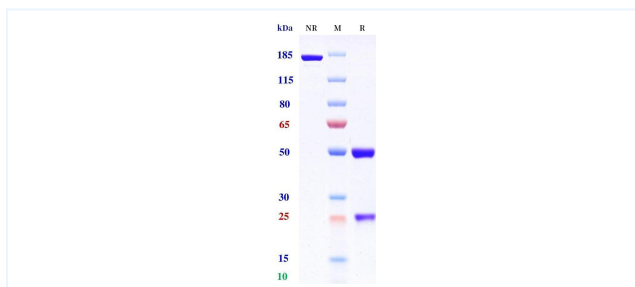


## Product Details

Product name:	Anti-CD37 (Gen3009 Biosimilar)	SKU:	BIO0985SM
Target Name:	CD37	Size:	100ug/ 1mg/ 5mg
Target Uniprot:	P11049	Concentration:	Lyophilized
Clone#:	Gen3009 (Bispecific)	Isotype:	IgG-like
Reactivity:	Human	Calculated M.W.:	144.88 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

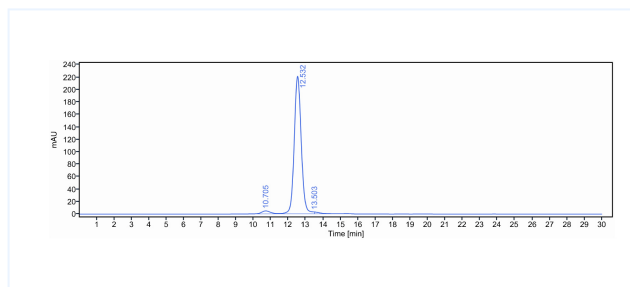
## Data

### Purity: SDS-PAGE



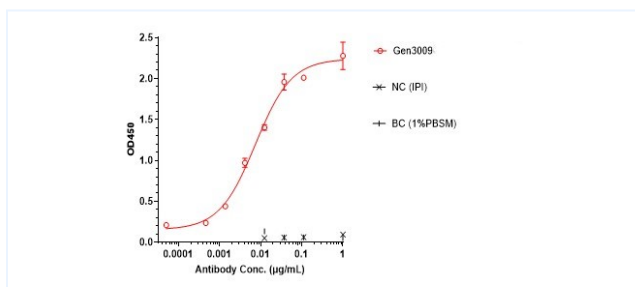
Anti-CD37 Reference Antibody (Gen3009) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity: SEC-HPLC



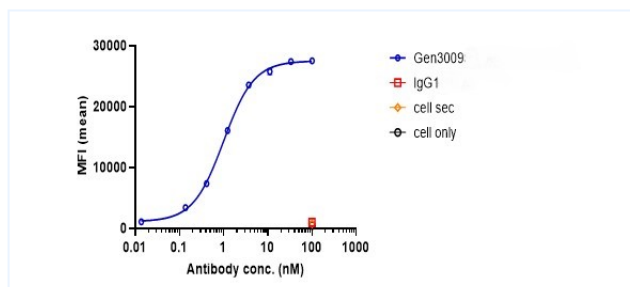
The purity of Anti-CD37 Reference Antibody (Gen3009) is 96.10%, determined by SEC-HPLC.

### ELISA



Gen3009 bound to CD37 protein, and then rebounded to secondary antibodies(Anti-human-IgG-Fc-HRP) , and read OD450. As shown in fig,Gen3009 bound to hu-CD37-VLP, and the EC50 was 0.007 nM.

### Purity: SEC-HPLC



Gen3009 bound to huCD37-FL-HEK293 cells, and then rebounded to fluorescent secondary antibodies(Anti-human IgG, Fcγ PE) , and test by flow cytometry. As shown in fig, Gen3009 bound to huCD37-FL-HEK293 cells, and the EC50 was 0.999 nM.

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