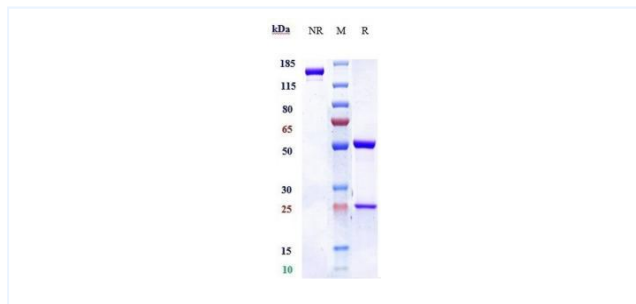


Product Details

Product name:	Anti-human IL-5 (mepolizumab Biosimilar)	SKU:	BIO0211SM
Target Name:	IL-5	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P05113	Concentration:	Lyophilized
Clone#:	mepolizumab	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	146.24 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

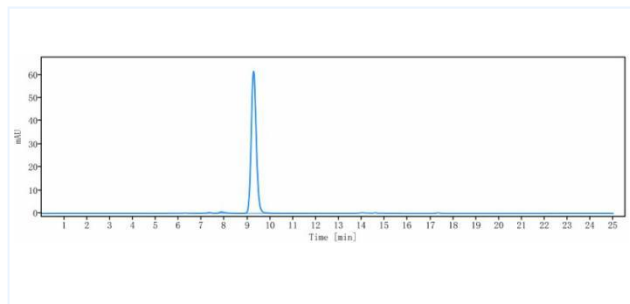
Data

Purity:SDS-PAGE



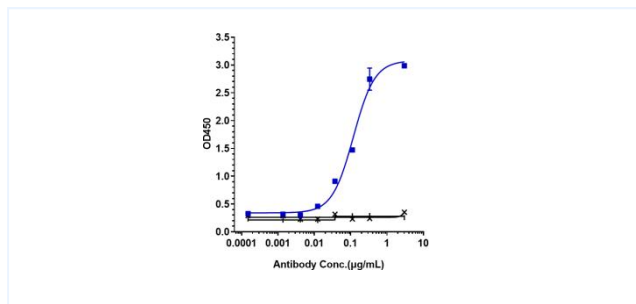
Anti-IL-5 (mepolizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



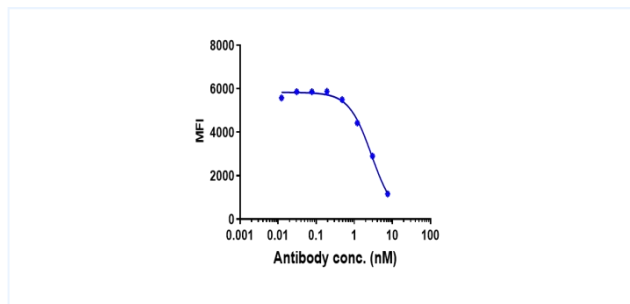
The purity of Anti-IL-5 (mepolizumab) is 98.47%, determined by SEC-HPLC.

Bioactivity:ELISA



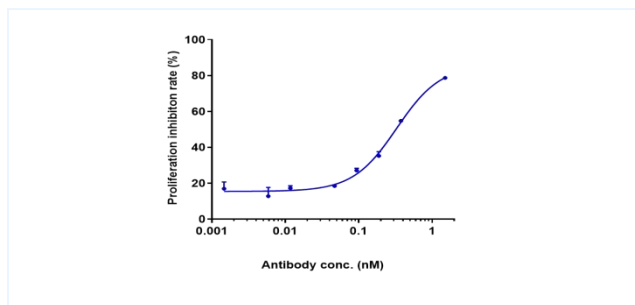
Immobilized human IL 5 His at 2 ug/mL can bind Anti-IL-5 (mepolizumab), EC50=0.1188 ug/mL.

Function:Blocking



Anti-IL-5 (mepolizumab) FACS Blocking was evaluated using Human IL-5R-FL/HIL-5R CHOS. The IC50 was approximately 2.844 ug/mL.

Function:Proliferation Inhibition



Mepolizumab induced proliferation inhibition activity was evaluated using Human IL-5R TF-1 . The EC50 was approximately 0.3282 ug/mL.