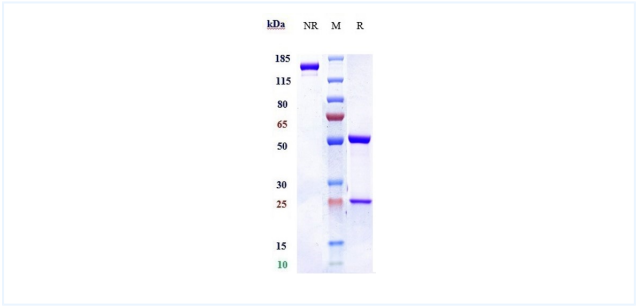
CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-IL-5 Reference Antibody (mepolizumab)	**Lot.No.:**	P72065L
Target Name:	IL-5	**Catalog:**	CHA277
Target Accession:	P05113	**Concentration:**	1 mg/ml
Clonality:	Monoclonal	**Isotype:**	IgG1
Reactivity:	Human [US5693323A]	**Calculated MW:**	146.24 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	**Endotoxin:**	<0.001 EU/ug
Contains:	No preservative	**Conjugation:**	Unconjugated
Formulation:	1 x PBS, pH 6.0	**Expression System:**	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditionsAvoid repeated freeze-thaw cycles.	**Purification:**	Protein A

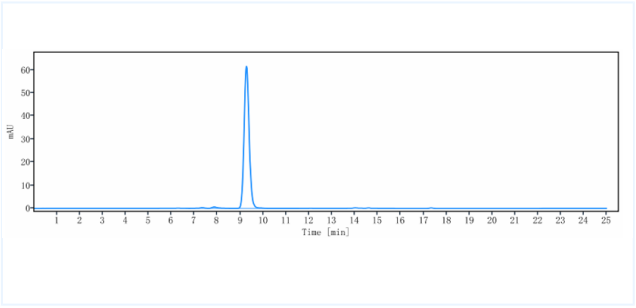
Data

Purity:SDS-PAGE



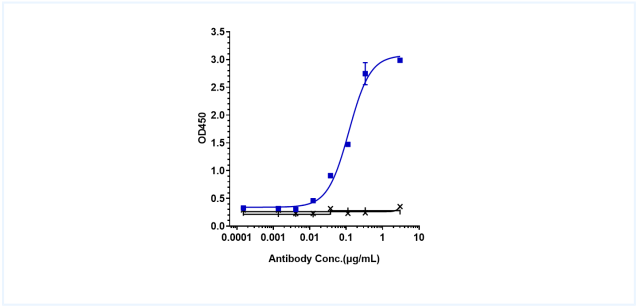
Anti-IL-5 Reference Antibody (mepolizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



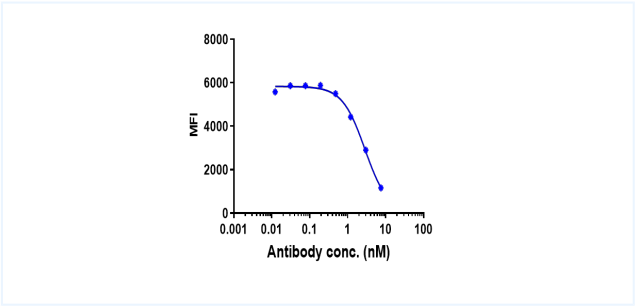
The purity of Anti-IL-5 Reference Antibody (mepolizumab) is 98.47%, determined by SEC-HPLC.

Bioactivity:ELISA



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

Function:Blocking



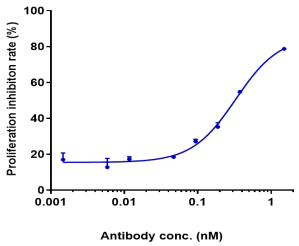
Anti-IL-5 Reference Antibody (mepolizumab) FACS Blocking was evaluated using Human IL-5R-FL/HIL-5R CHOS. The IC50 was approximately 2.844 ug/mL.

The products are for research use only. Not for use in diagnostic procedures.

Tel: +86 021 3368 1627 Email: service@sanyoubio.com Web: www.crs.sanyoubio.com

CERTIFICATE OF ANALYSIS

Function:Proliferation Inhibition



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