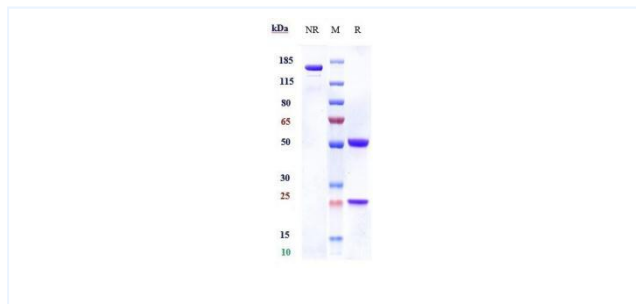


Product Details

Product name:	Anti-human CSF2Rb / CD131 (CSL311 Biosimilar)	SKU:	BIO0307SM
Target Name:	CSF2Rb / CD131	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P32927	Concentration:	Lyophilized
Clone#:	CSL311	Isotype:	Human IgG4SP
Reactivity:	Human	Calculated M.W.:	144.66 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

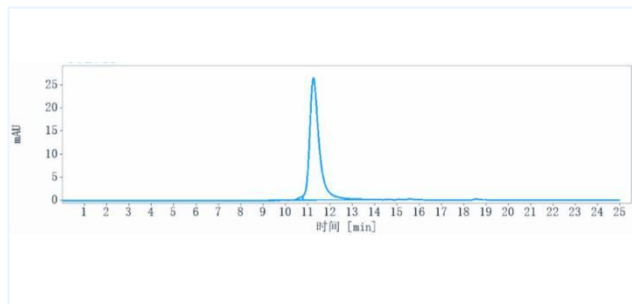
Data

Purity:SDS-PAGE



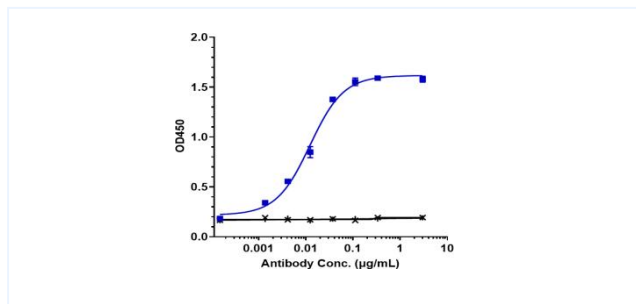
Anti-CSF2Rb / CD131 (CSL311) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



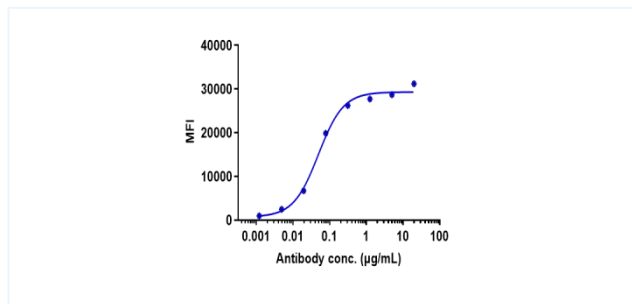
The purity of Anti-CSF2Rb / CD131 (CSL311) is 98.34%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human CSF2RB His at 2 ug/mL can bind Anti-CSF2Rb / CD131 (CSL311), EC50=0.0122ug/mL.

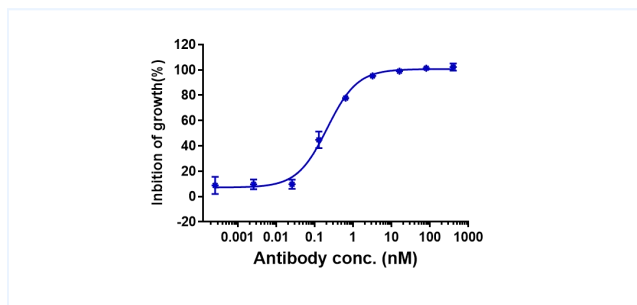
Bioactivity:FACS



Human CSF2RB HEK293 cells were stained with Anti-CSF2Rb / CD131 (CSL311) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.049 ug/mL.

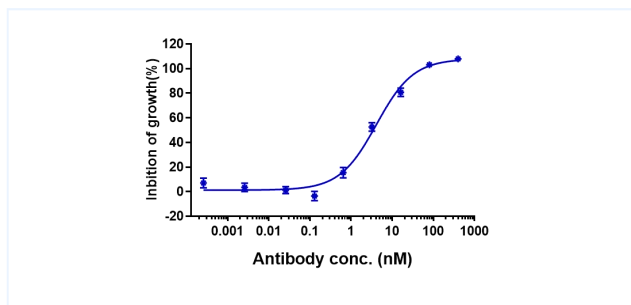
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Function:Proliferation



IL-3-mediated proliferation of TF-1 can be completely blocked by antibodies with an IC₅₀ of 0.2109 nM.

Function:Proliferation



GM-CSF-mediated proliferation of TF-1 can be completely blocked by antibodies with an IC₅₀ of 4.105 nM.