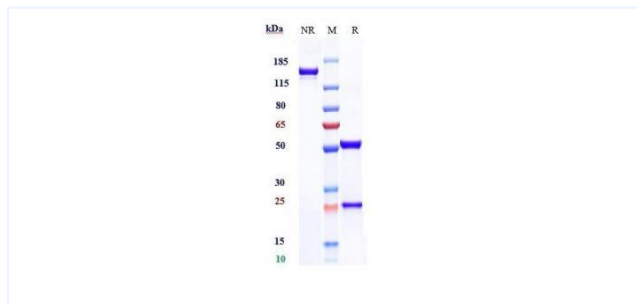


Product Details

Product name:	Anti-human TIGIT (tiragolumab Biosimilar)	SKU:	BIO0076SM
Target Name:	TIGIT / VSIG9 / VSTM3	Size:	1 mg/5 mg/20 mg
Target Uniprot:	Q495A1	Concentration:	Lyophilized
Clone#:	tiragolumab	Isotype:	Human IgG1
Reactivity:	Human, Mouse, Cynomolgus	Calculated M.W.:	148.66 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

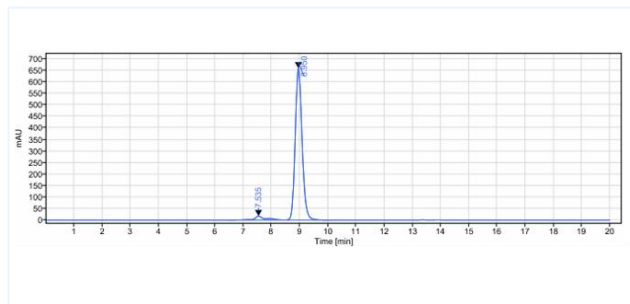
Data

Purity:SDS-PAGE



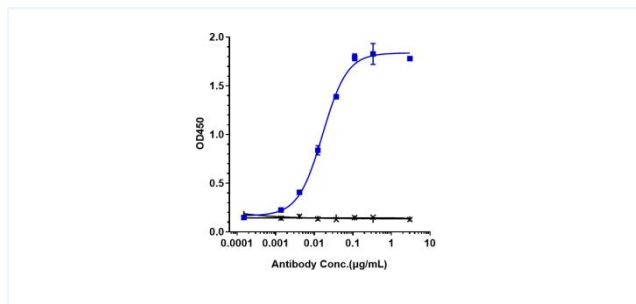
Anti-TIGIT (tiragolumab) on SDS-PAGE underreducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



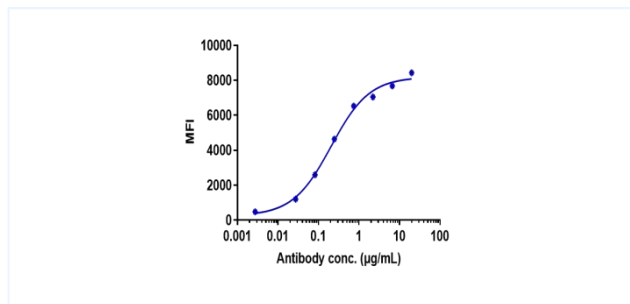
The purity of Anti-TIGIT (tiragolumab) is 95.79%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human TIGIT His at 2 µg/mL can bind Anti-TIGIT (tiragolumab), EC50=0.01643 µg/mL.

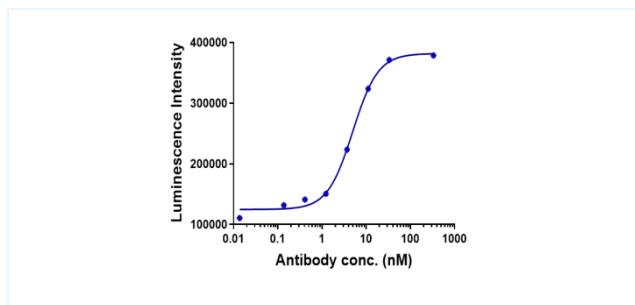
Bioactivity:FACS



Human TIGIT HEK293 cells were stained with Anti-TIGIT (tiragolumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.2053 µg/mL.

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

Function:Luciferase



Anti-TIGIT (tiragolumab)-induced TIGITLuciferase activity was evaluated using hu-TIGIT-CD226-NFAT-Jurkat,Reporter Cell. The EC50 was approximately 4.978nM.