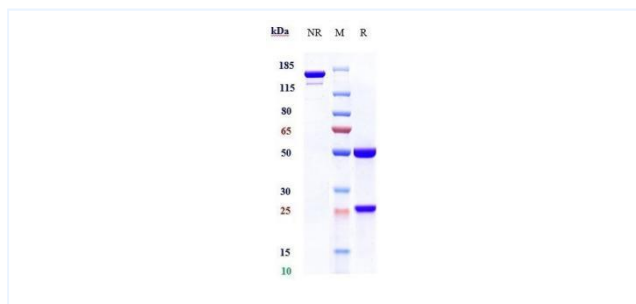


## Product Details

Product name:	Anti-human AXL / UFO (tilvestamab Biosimilar)	SKU:	BIO0427SM
Target Name:	AXL / UFO	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P30530	Concentration:	Lyophilized
Clone#:	tilvestamab	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	146.22 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

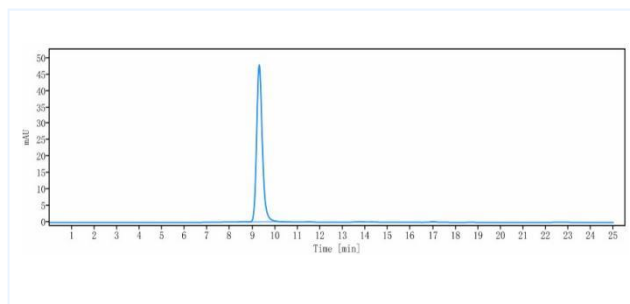
## Data

### Purity:SDS-PAGE



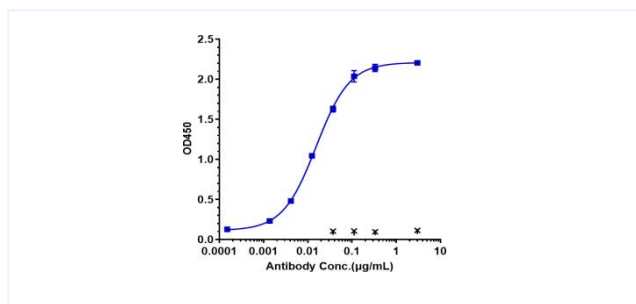
Anti-AXL / UFO (tilvestamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



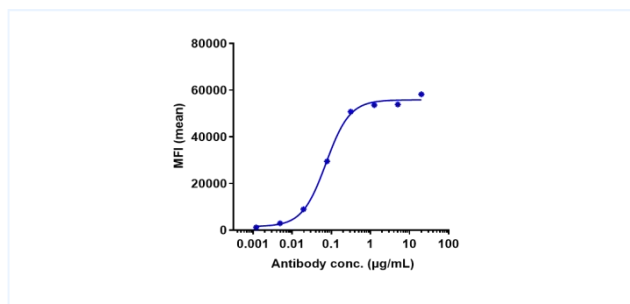
The purity of Anti-AXL / UFO (tilvestamab) is more than 95%, determined by SEC-HPLC.

### Bioactivity:ELISA



Immobilized human Axl FC at 2 ug/mL can bind Anti-AXL / UFO (tilvestamab), EC<sub>50</sub>=0.01542 ug/mL.

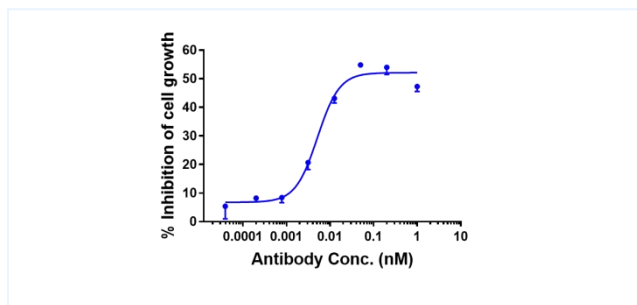
### Bioactivity:FACS



Human AXL HEK293 cells were stained with Anti-AXL / UFO (tilvestamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC<sub>50</sub>=0.07318 ug/mL.

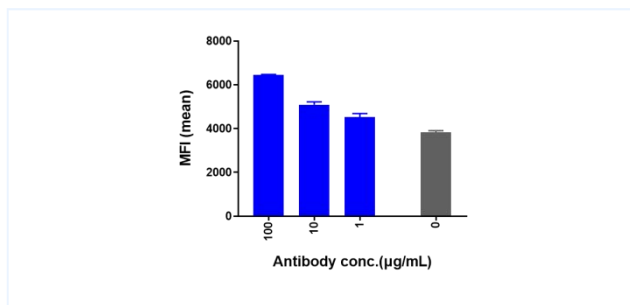
**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### Function: Internalization



The endocytosis ratio tilvestamab by U251 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 40% at antibody concentration of 1 nM.

### Function: Phosphorylation



Anti-AXL / UFO (tilvestamab) P-AKT Test was evaluated using U251 cell. The max induction fold was approximately 1.43.