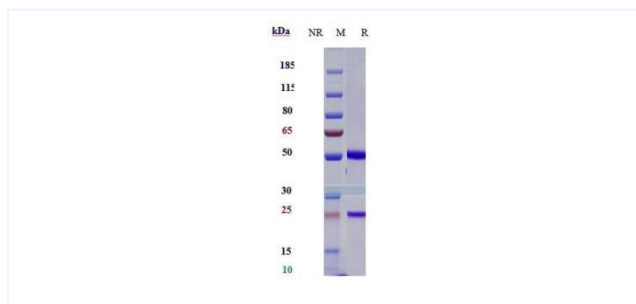


Product Details

Product name:	Anti-human CD47 (lemzoparlimab Biosimilar)	SKU:	BIO0606SM
Target Name:	CD47	Size:	1 mg/5 mg/20 mg
Target Uniprot:	Q08722	Concentration:	Lyophilized
Clone#:	lemzoparlimab	Isotype:	Human IgG4
Reactivity:	Human	Calculated M.W.:	145.58 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

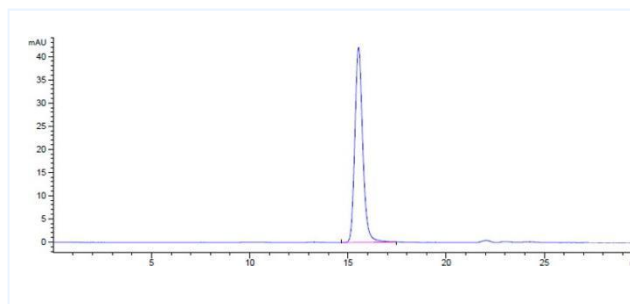
Data

Purity:SDS-PAGE



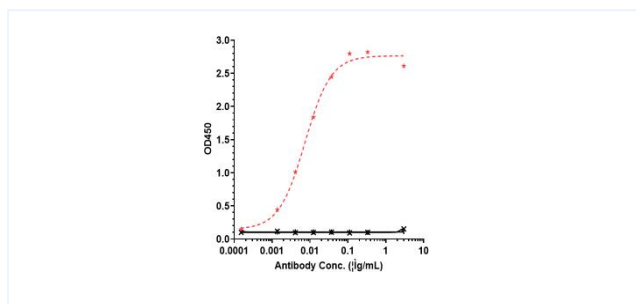
Anti-CD47 (lemzoparlimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



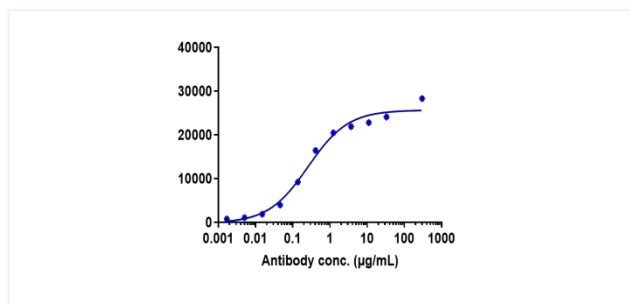
The purity of Anti-CD47 (lemzoparlimab) is 100%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized Recombinant human CD47 (c His) at 1.5 µg/mL can bind Anti-CD47 (lemzoparlimab), EC50=0.0163 µg/mL.

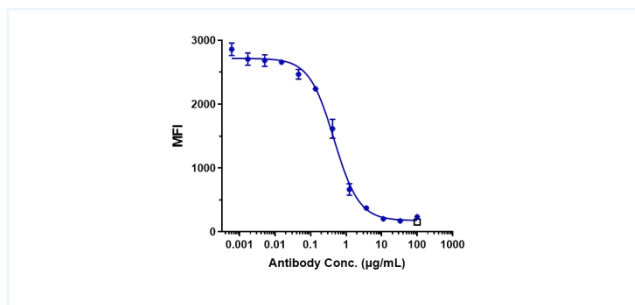
Bioactivity:FACS



PANC-1 cells were stained with Anti-CD47 (lemzoparlimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.265 µg/mL.

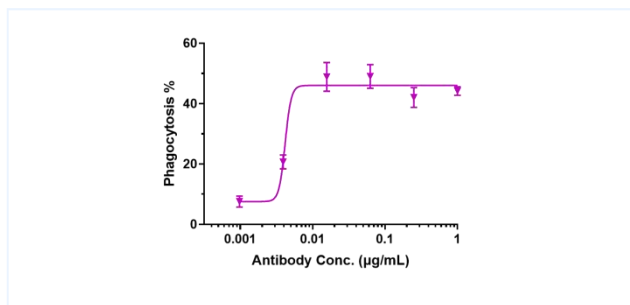
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Function:Blocking



Anti-CD47 (lemzoparlimab) FACS Blocking was evaluated using CCRF-CEM. The IC₅₀ was approximately 0.4557 µg/mL.

Function:ADCC



The phagocytosis ratio lemzoparlimab by CCRF-CEM increased with the increase of antibody concentration, and the phagocytosis Rate (%) reached 43%.