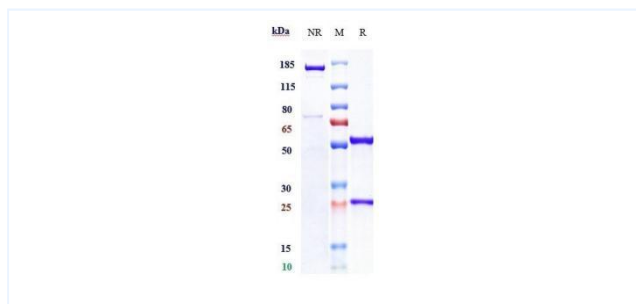


Product Details

Product name:	Anti-human CD4 (ibalizumab Biosimilar)	SKU:	BIO0485SM
Target Name:	CD4 / LEU3	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P01730	Concentration:	Lyophilized
Clone#:	ibalizumab	Isotype:	Human IgG4SP
Reactivity:	Human, Cynomolgus	Calculated M.W.:	147.36 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

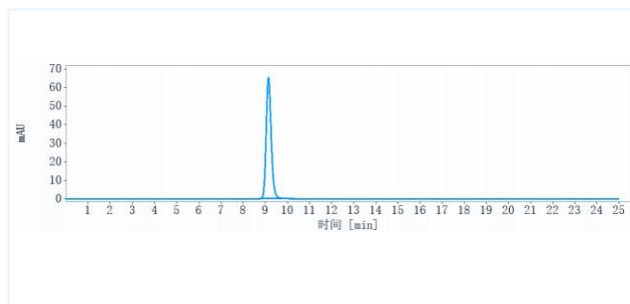
Data

Purity:SDS-PAGE



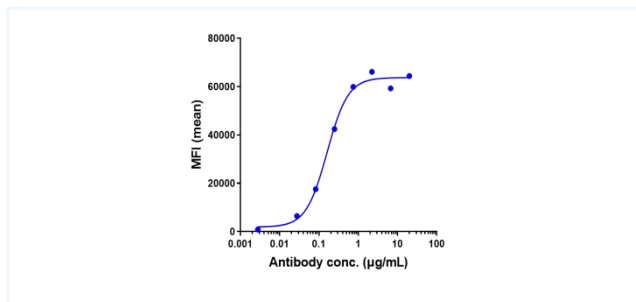
Anti-CD4 (ibalizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



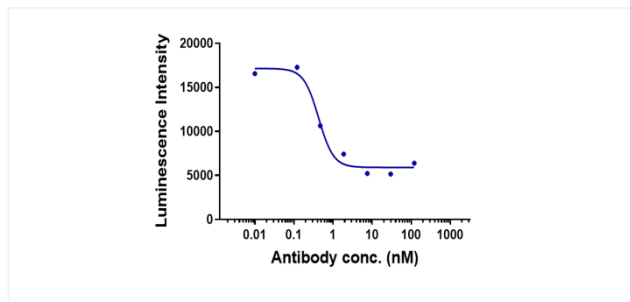
The purity of Anti-CD4 (ibalizumab) is more than 95%, determined by SEC-HPLC.

Bioactivity:FACS



Human CD4 CHO cells were stained with Anti-CD4 (ibalizumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.16 µg/mL.

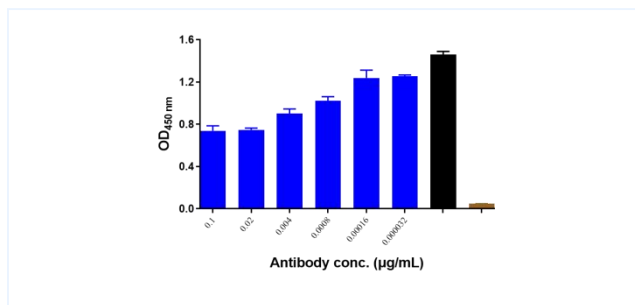
Function:Pseudoviral Inhibition



Anti-CD4 (ibalizumab) Pseudoviral inhibition was evaluated using Tzmb1. The IC50 was approximately 0.441 nM.

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

Function: Activation Inhibition



Anti-CD4 (ibalizumab) Activation inhibition was evaluated using PBMC. The max induction fold was approximately 1.71