



CERTIFICATE OF ANALYSIS

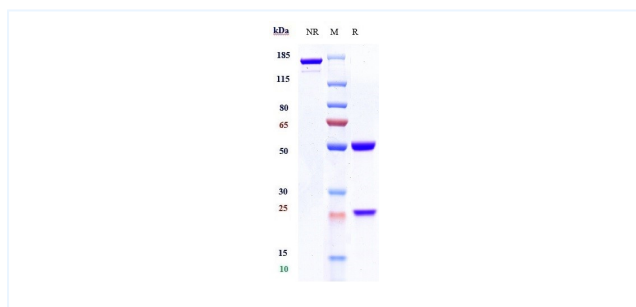


Product Details

Product name:	Anti-CD19 Reference Antibody (tafasitamab)	Lot.No.:	P72077
Target Name:	CD19	Catalog:	CHA014
Target Accession:	P15391	Concentration:	1 mg/ml
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human, Cynomolgus, Rhesus Macaque [US20080260731A1]	Calculated MW:	147.42 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	Endotoxin:	<0.001 EU/ug
Contains:	No preservative	Conjugation:	Unconjugated
Formulation:	100 mM Pro-Ac 20mM Arg pH 5.0	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditions Avoid repeated freeze-thaw cycles.	Purification:	Protein A

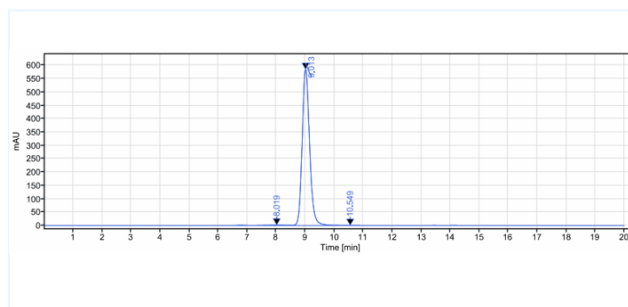
Data

Purity:SDS-PAGE



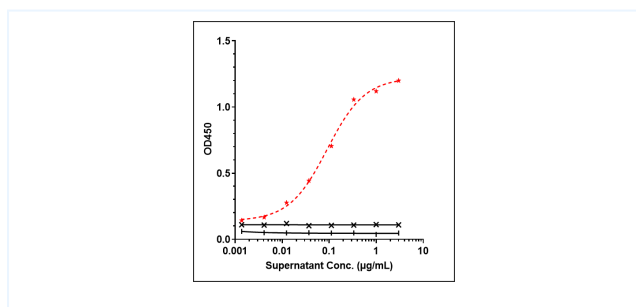
Anti-CD19 Reference Antibody (tafasitamab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



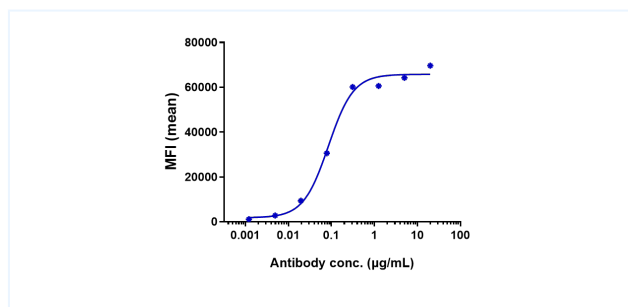
The purity of Anti-CD19 Reference Antibody (tafasitamab) is 98.59%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human CD19 (20 291) Protein, His Tag at 2 ug/mL can bind Anti-CD19 Reference Antibody (tafasitamab), EC50=0.0904 ug/mL.

Bioactivity:FACS



Human CD19 HEK293 cells were stained with Anti-CD19 Reference Antibody (tafasitamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.085 ug/mL.

The products are for research use only. Not for use in diagnostic procedures.

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