



CERTIFICATE OF ANALYSIS



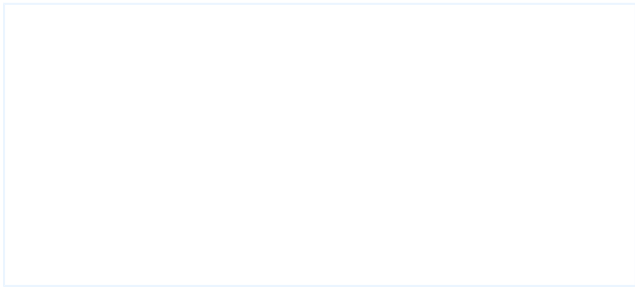
Product Details

Product name:	Anti-CD47 Reference Antibody (letaplimab)	Lot.No.:	P213699
Target:	CD47	Catalog:	CHA711
Target Accession:	Q08722	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP
Reactivity:	Human	Molecular Weight (kDa) :	142.38
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid:100mM Pro-Ac, 20mM Arg pH 5.0. Lyophilization.25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	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

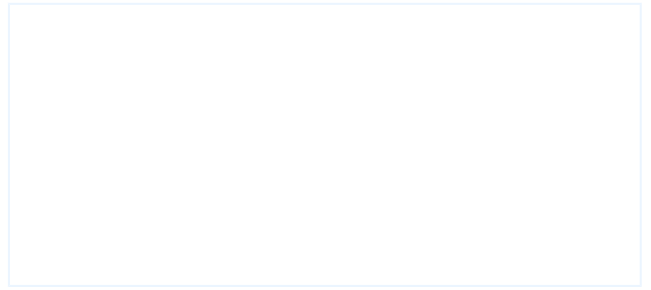
Data

Purity: SDS-PAGE

Purity: SEC-HPLC

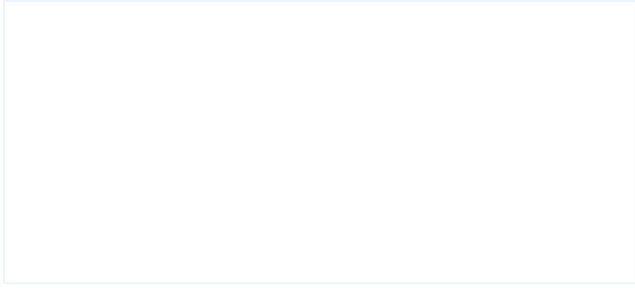


Anti-CD47 Reference Antibody (letaplimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD47 Reference Antibody (letaplimab) is 99.55%, determined by SEC-HPLC.

ELISA



Immobilized CD47-His at 2 µg/mL can bind Letaplimab, The EC50 is 0.04913 µg/mL.

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