



# CERTIFICATE OF ANALYSIS

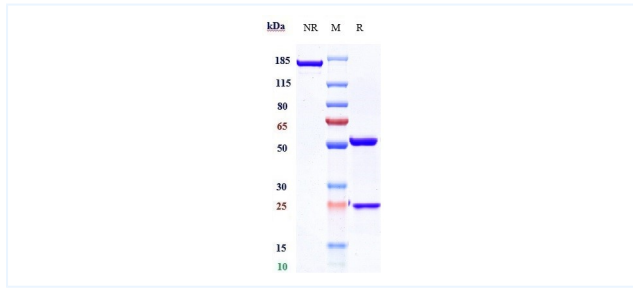


## Product Details

Product name:	Anti-CXCR4 / CD184 Reference Antibody (ulocuplumab)	Lot.No.:	P218652J1
Target:	CXCR4 / CD184	Catalog:	CHA034
Target Accession:	P61073	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP
Reactivity:	Human	Molecular Weight (kDa) :	150 kDa
Application:	Kinetics (SPR), 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

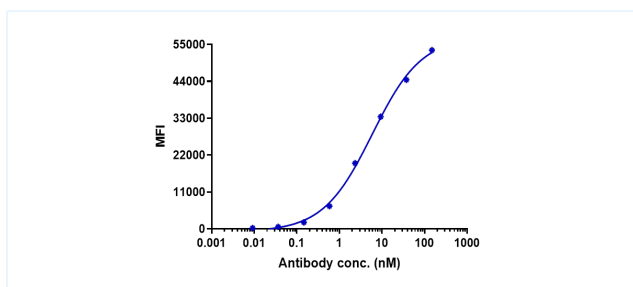
## Data

## Purity: SDS-PAGE



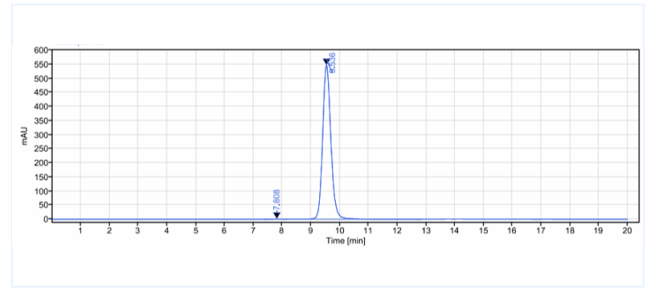
Anti-CXCR4 / CD184 Reference Antibody (ulocuplumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Bioactivity: FACS



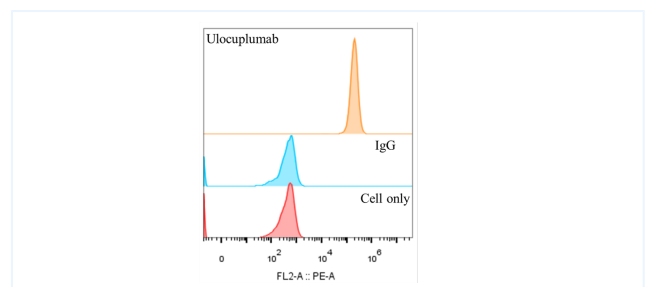
Human CXCR4 / CD184 Romas cells were stained with Anti-CXCR4 / CD184 Reference Antibody (ulocuplumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=5.915 nM.

## Purity: SEC-HPLC



The purity of Anti-CXCR4 / CD184 Reference Antibody (ulocuplumab) is 99.48%, determined by SEC-HPLC.

## Bioactivity: FACS



Human CXCR4 / CD184 HEK293 cells were stained with Anti-CXCR4 / CD184 Reference Antibody (ulocuplumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS.

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