



CERTIFICATE OF ANALYSIS

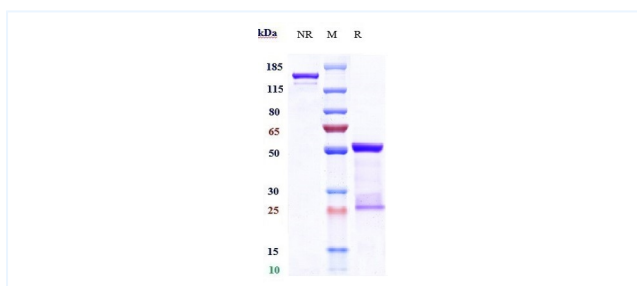


Product Details

Product name:	Anti-CCL2 / MCP1 Reference Antibody (carlumab)	Lot. No. :	P217294-1
Target:	CCL2 / MCP1	Catalog:	CHA647
Target Accession:	P13500	Concentration (mg/mL) :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	145 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:	Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80° C for up to 3 months. Avoid repeated freeze-thaw cycles.	Purification:	Protein A

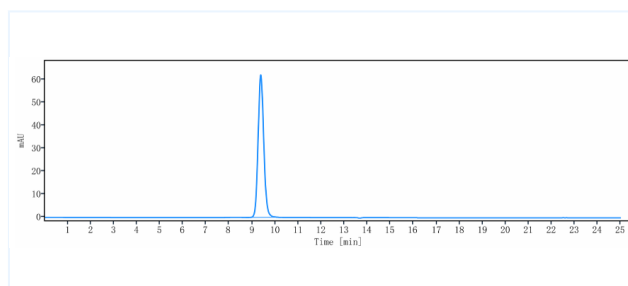
Data

Purity: SDS-PAGE



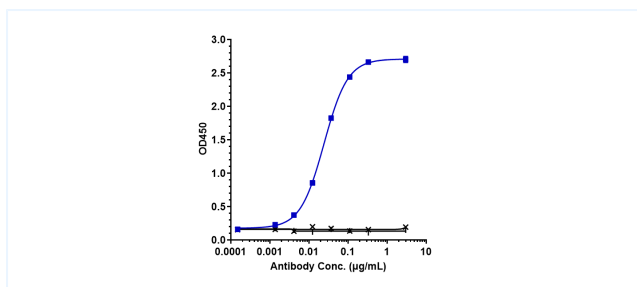
Anti-CCL2 / MCP1 Reference Antibody (carlumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

Purity: SEC-HPLC



The purity of Anti-CCL2 / MCP1 Reference Antibody (carlumab) is more than 95%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human MCP1 His at 2 ug/mL can bind Anti-CCL2 / MCP1 Reference Antibody (carlumab), EC50=0.02438 ug/mL.

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

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