



# CERTIFICATE OF ANALYSIS

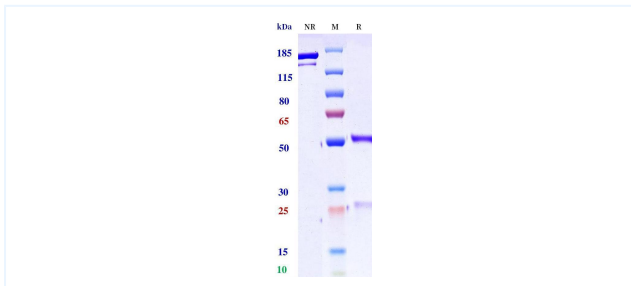


## Product Details

Product name:	Anti-CD81 Reference Antibody (Dainippon Sumitomo patent anti-CD81)	Lot.No.:	P291289
Target:	CD81	Catalog:	CHB822
Target Accession:	P60033	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4SP-Opti
Reactivity:	Human	Molecular Weight (kDa) :	143.96
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:	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

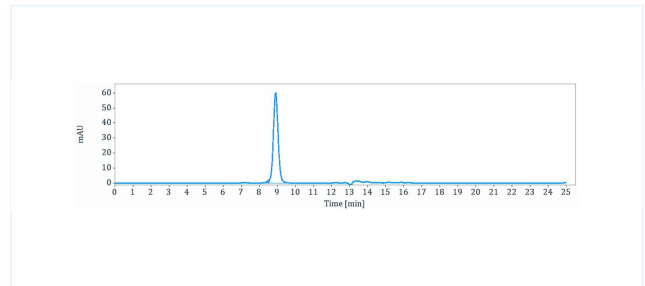
# Data

## Purity:SDS-PAGE



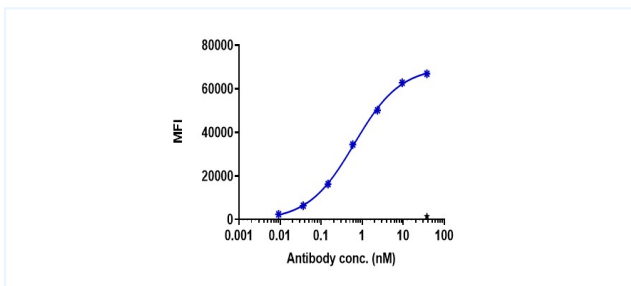
Anti-CD81 Reference Antibody (Dainippon Sumitomo patent anti-CD81) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity:SEC-HPLC



The purity of Anti-CD81 Reference Antibody (Dainippon Sumitomo patent anti-CD81) is 98.82%, determined by SEC-HPLC.

## Bioactivity: FACS



Raji cell line were stained with Dainippon Sumitomo pate+C222nt anti-CD81 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.642 nM.

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