



# CERTIFICATE OF ANALYSIS

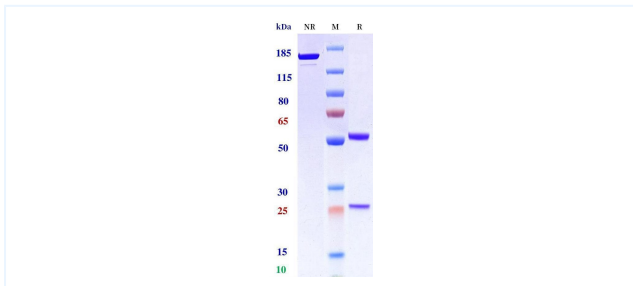


## Product Details

Product name:	Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99)	Lot.No.:	P291234
Target:	CD99	Catalog:	CHB854
Target Accession:	P14209	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	145.2
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

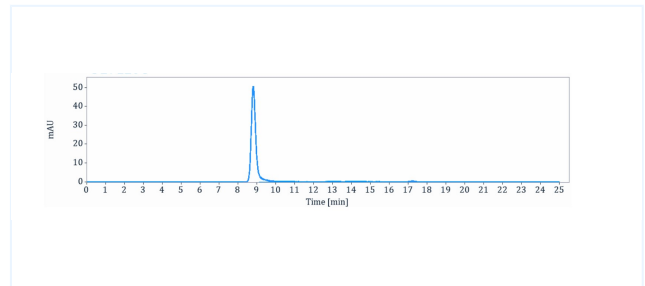
# Data

## Purity:SDS-PAGE



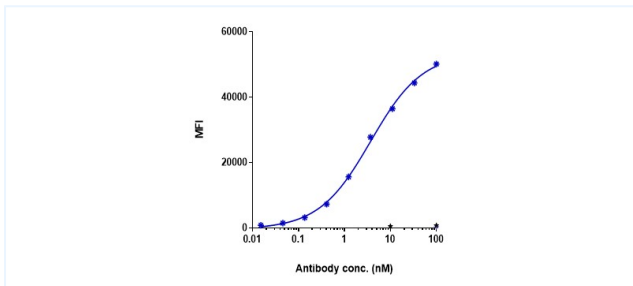
Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity:SEC-HPLC



The purity of Anti-CD99 Reference Antibody (Stanford U. patent anti-CD99) is 99.13%, determined by SEC-HPLC.

## Bioactivity: FACS



AGS cells were stained with Stanford U. patent anti-CD99 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 3.734 nM.

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