



# CERTIFICATE OF ANALYSIS

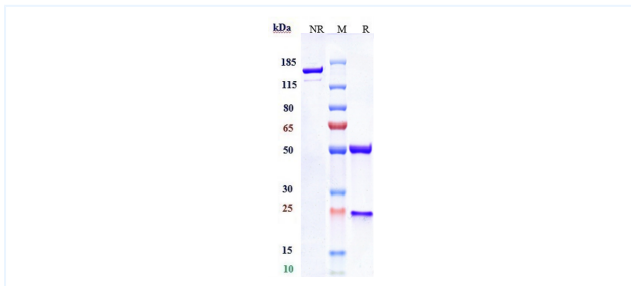


## Product Details

Product name:	Anti-CD19 Reference Antibody (denintuzumab-MMAF)	Lot.No.:	P200305
Target:	CD19	Catalog:	CHB259
Target Accession:	P15391	Concentration :	1 mg/mL
Clonality:	Monoclonal-ADC	Isotype:	IgG1
Reactivity:	Human [US7968687B2]	Molecular Weight (kDa) :	144.54 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

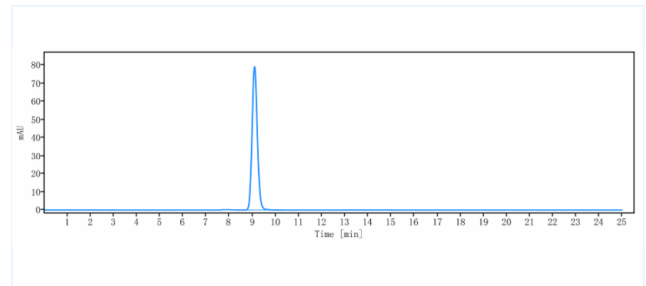
# Data

## Purity: SDS-PAGE



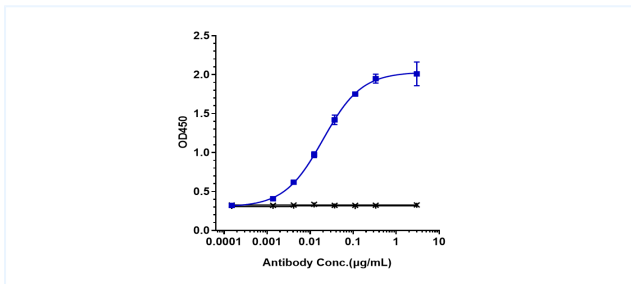
Anti-CD19 Reference Antibody (denintuzumab-MMAF) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity: SEC-HPLC



The purity of Anti-CD19 Reference Antibody (denintuzumab-MMAF) is 99.58%, determined by SEC-HPLC.

## Bioactivity: ELISA



Immobilized human EGFR His at 2 µg/mL can bind Anti-CD19 Reference Antibody (denintuzumab-MMAF),  $EC_{50}=0.01985$  µg/mL.

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