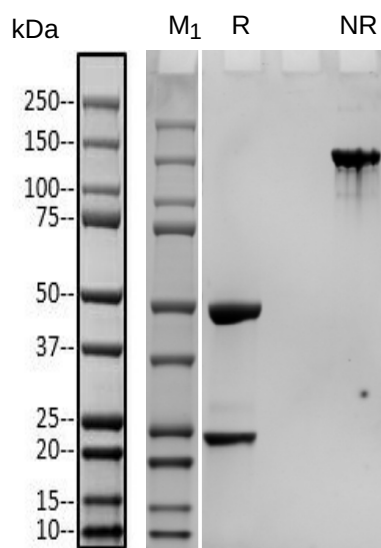


Certificate of Analysis

Name: 8C12F11
Type: Recombinant Antibody
Shipping Condition: Dry Ice
Lot Number: U4466HJ110-16/P9HL001
Expression Host : Mammalian
Purification: MabSelect™ PrismA

Total Amount: 42.12 mg. 1.00 ml/tube, 9 tubes
Concentration: 4.68 mg/ml(by A280)
Purity: ≥95%(SDS-PAGE under non-reducing condition) ;>99%(SEC-HPLC)
Endotoxin: ≤0.1 EU/mg
Storage And Handling: Store at -80°C.Avoid repeated freezing and thawing
Storage Buffer: PBS, pH 7.2

SDS-PAGE:

Lane M₁: Protein Marker, Bio-rad, Cat. No. 1610374S, refer to annotated key on the left for size

R: Reducing condition

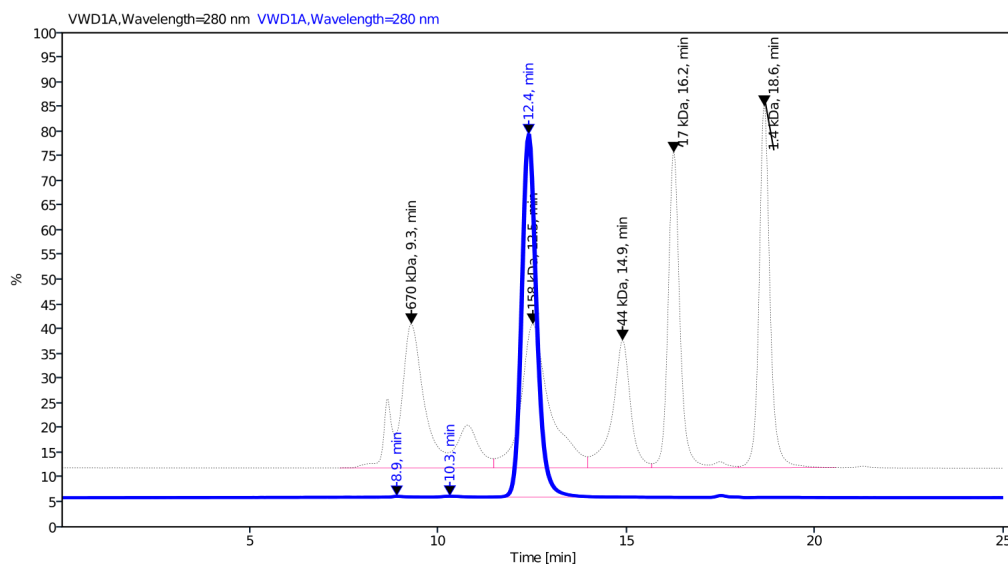
NR: Non-reducing condition

SEC-HPLC

Sample name: U4466HJ 110-13_HPLC**Instrument:** GR16010687**Location:** P2-C11**Injection volume:** 4.0**Column Name:** TSKgel G3000SWxl**Column No:** 155#**Mobile Phase:** 0.1 mol/L Na₂SO₄ in 0.1 mol/L Phosphate Buffer(pH 6.7±0.3)

— Sample

..... Standard

**Signal:** VWD1A,Wavelength=280 nm

RT [min]	Height	Width [min]	Area	Area%
8.9	0.2	1.1	5.9	0
10.3	0.2	1.4	9.9	0
12.4	88.9	3.6	2474.8	>99
		Sum	2490.55	

Appendix:

U4466HJ110-13_ 8C12F11

Heavy chain sequence

MGWSCIILFLVATATGVHS QVQLQQSGAELMKPGASVKISCKATGYTFSRYWIEWVKQRPGHGLEWIGEILPGSGRRTNYNEKFKGKATFTA
DTSSNTAYMQLSSLTSEDSAVYYCAPGTGRGYAMDYWGQGTSTVSSAKTTPPSVYPLAPGSAAQTNSMVTLGCLVKGYFPEPVTVTWN
SGSLSSGVHTFPAVLQSDLYTLSSSVTVPSSTWVSETVTCNVAHPASSTKVDKKIVPRDCGCKPCICTVPEVSSVFIFPPKPKDVLITLTPKV
TCVVVDISKDDPEVQFSWFVDDVEVHTAQTQPREEQFNSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTI
PPPKEQMAKDKVSLTCMITDFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVNQKSNWEAGNTFTCSVLHEGLHNHHTKSL
SHSPGK

Light chain sequence

MGWSCIILFLVATATGVHS DVLMTQTPLSLPVSLGDQASISCRSSQSILHSNGNTYLEWYLQKPGQSPKLLIYKVSNRFGVDPDRFSGSGSG
TDFTLKISRVEAEDLGVYYCFQGSHPRTFGGGTKLEIKRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVL
NSWTDQDSKDYSTYSMSSTLTLTKEDEYERHNSYTCETHKTSTSPIVKSFNREK

Certified by:



Date: 12/06/2022