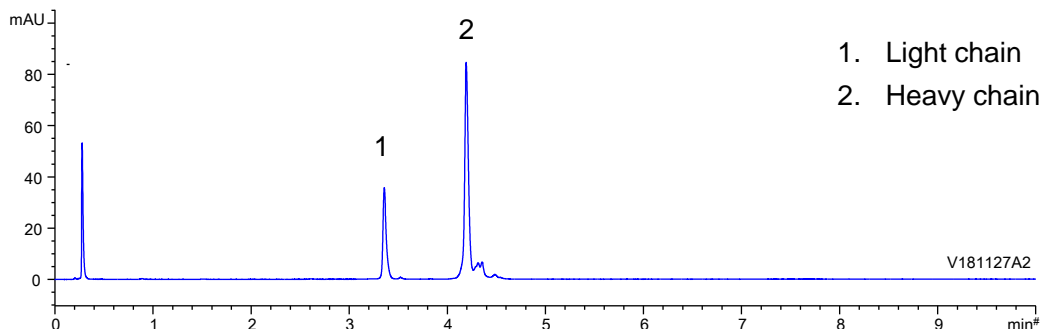


還元モノクローナル抗体(トラスツズマブ)

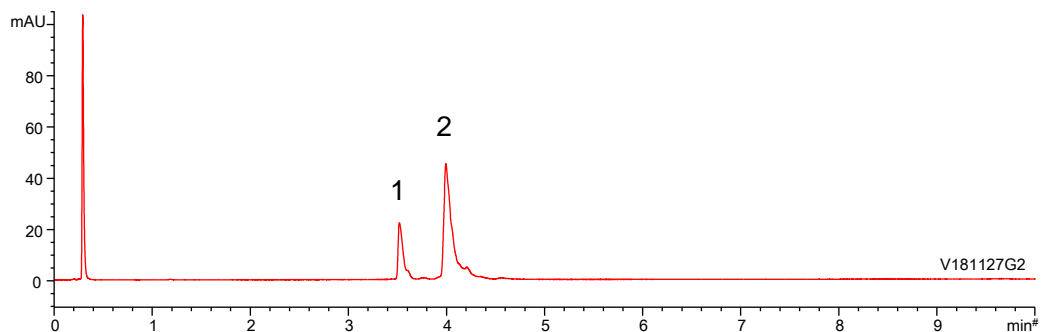
Reduced monoclonal antibody (Trastuzumab)

V200204D

Mobile phase containing 0.1% TFA



Mobile phase containing 0.1% formic acid



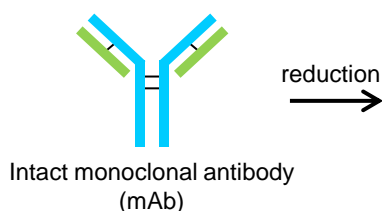
Method of reduction

mAb 50 μ L (2.0 mg/mL)

20 mM DTT 50 μ L

30°C, 60 min

HPLC analysis

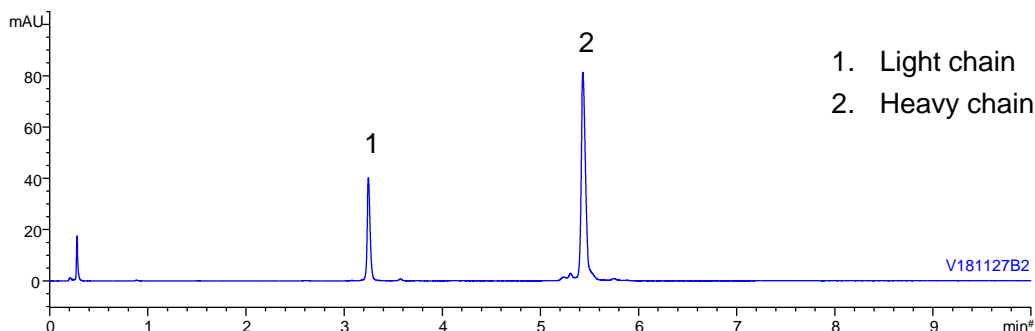


Column	: YMC-Triart Bio C4 (1.9 μ m, 30 nm) 50 X 2.1 mmI.D.
Eluent <TFA>	: A) water/TFA (100/0.1) B) acetonitrile/TFA (100/0.1) 25-50%B (0-10 min), 90%B (10-12.5 min)
Eluent <Formic acid>	: A) water/formic acid (100/0.1) B) acetonitrile/formic acid (100/0.1) 20-45%B (0-10 min), 90%B (10-12.5 min)
Flow rate	: 0.4 mL/min
Temperature	: 80°C
Detection	: UV at 280 nm
Injection	: 2 μ L

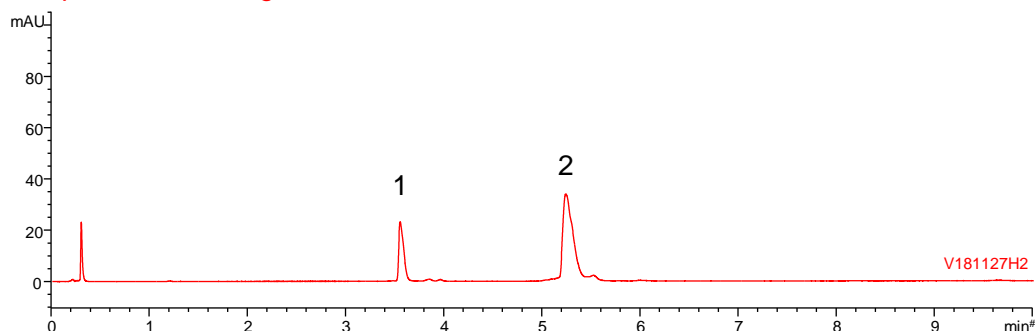
還元モノクローナル抗体 (NISTmAb)
Reduced monoclonal antibody (NISTmAb)

V200204C

Mobile phase containing 0.1% TFA



Mobile phase containing 0.1% formic acid



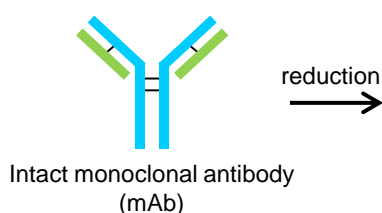
Method of reduction

mAb 50 μ L (2.0 mg/mL)

20 mM DTT 50 μ L

30°C, 60 min

HPLC analysis



Column	: YMC-Triart Bio C4 (1.9 μ m, 30 nm) 50 X 2.1 mm I.D.
Eluent <TFA>	: A) water/TFA (100/0.1) B) acetonitrile/TFA (100/0.1) 25-50%B (0-10 min), 90%B (10-12.5 min)
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Flow rate	: 0.4 mL/min
Temperature	: 80°C
Detection	: UV at 280 nm
Injection	: 2 μ L