

Supporting Information

Raman spectroscopic analysis of highly-concentrated antibodies under the acid-treated conditions

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Figure and legend

Fig. S1

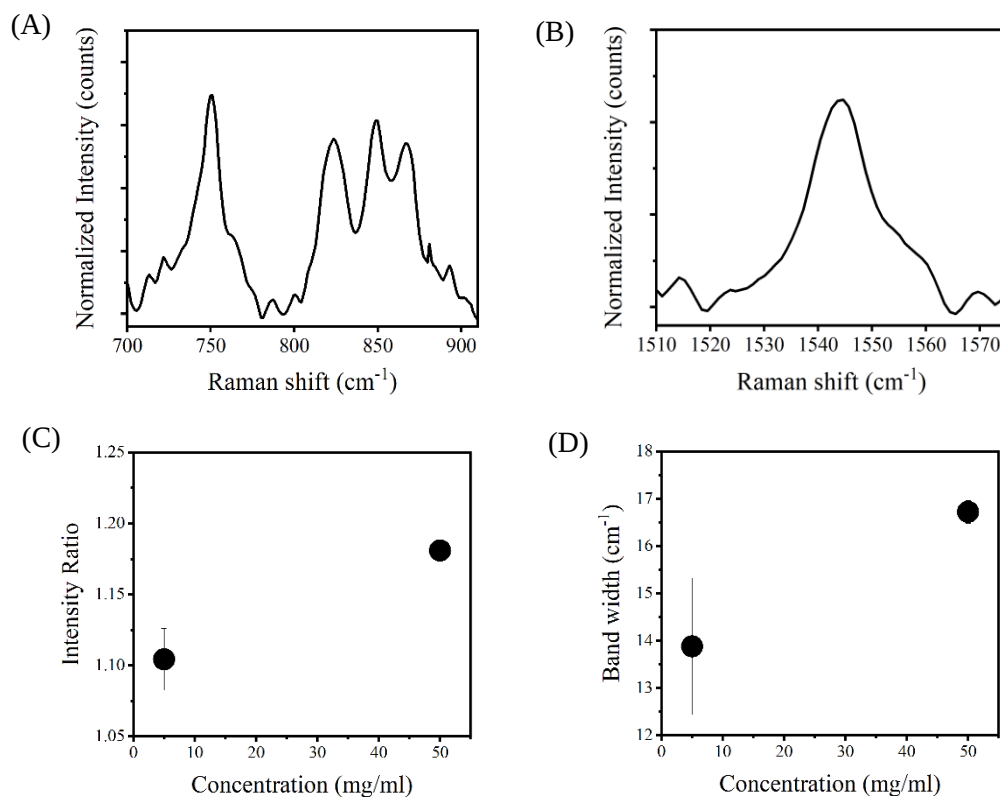


Fig. S1. (A) Tyr Raman bands at 830 and 850 cm⁻¹, and (B) Trp Raman bands at 1555 cm⁻¹ of 5 mg/ml rituximab in solution of pH 7.0. (C) Plots of the band intensity ratio of I_{850}/I_{830} and (D) band width of Trp at 1555 cm⁻¹ as a function of antibody concentration. The values of 50 mg/ml rituximab in solution of pH 7.0 is taken from Fig. 3. Values are means $\pm$ standard deviations derived from three independent measurements.