

**Development of Highly Thermoresponsive Fluorescence Sensor
Consisting of Plasmonic Silver Nanoprisms and Poly(N-
isopropylacrylamide)-Fluorophore Composites**

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This file includes:

1) Supporting Figures S1-S4.

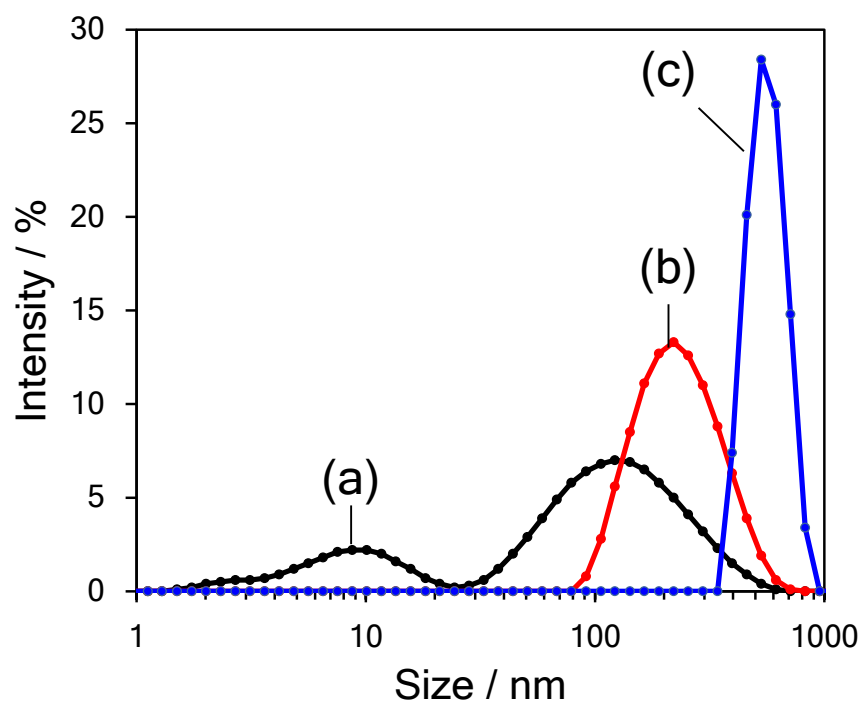


Figure S1 DLS data showing distribution of hydrodynamic sizes of (a) AgPRs and FITC/PNIPAm/AgPRs at (b) 20 and (c) 40 °C.

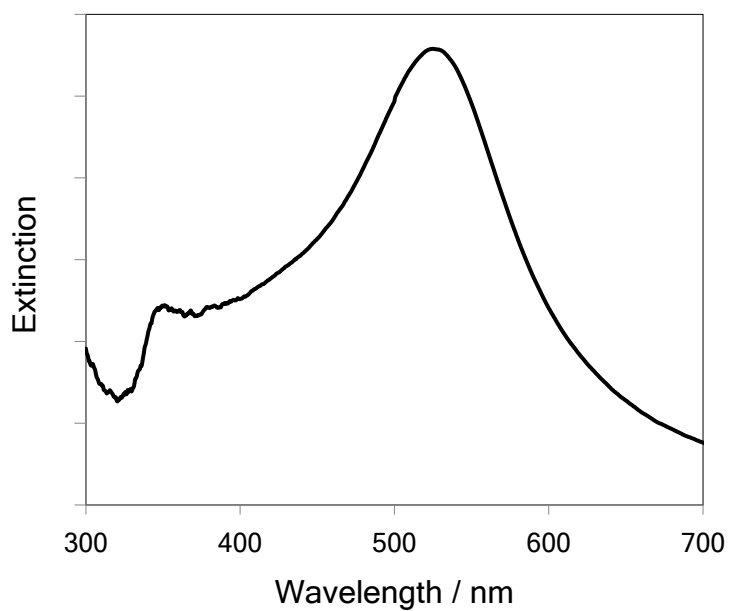


Figure S2 Extinction spectrum of the hybrids prepared using PNIPAm, which did not contain FITC.

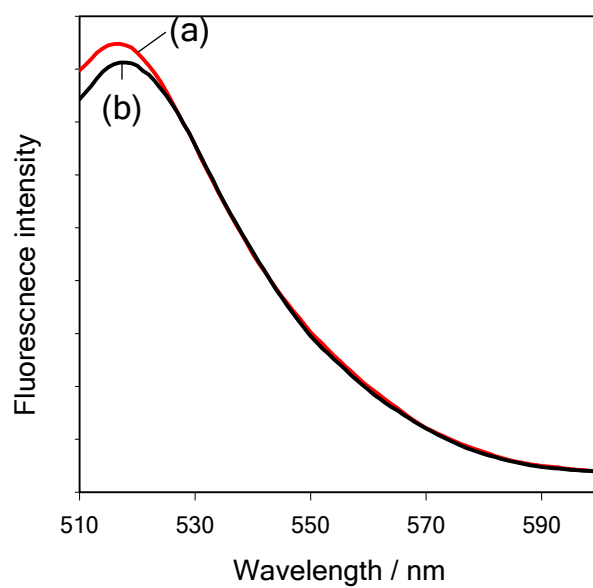


Figure S3 Fluorescence spectra ($\lambda_{\text{ex}} = 490 \text{ nm}$) of a solution of FITC-PNIPAm conjugate at (a) 20 and (b) 40 °C.

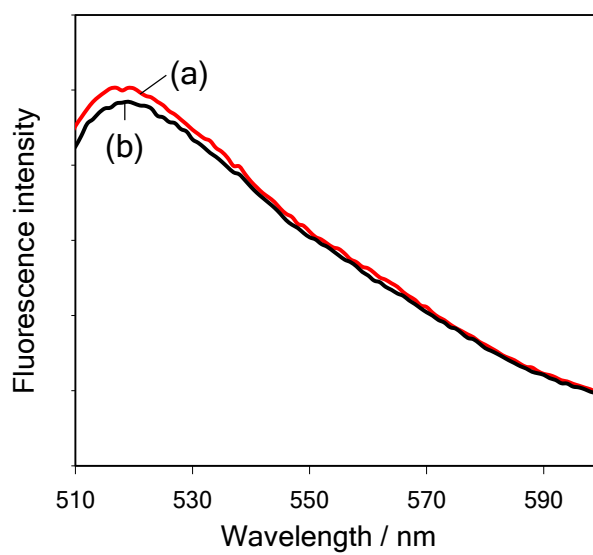


Figure S4 Fluorescence spectra ($\lambda_{\text{ex}} = 490 \text{ nm}$) of a solution of FITC at (a) 20 and (b) 40 °C.