Fluorescent Water-Soluble Responsive Polymers Site-Specifically Labeled with FRET Dyes Possessing pH- and Thermo-Modulated Multicolor Fluorescence Emissions as Dual Ratiometric Probes

Xuejuan Wan and Shiyong Liu*

CAS Key Laboratory of Soft Matter Chemistry, Department of Polymer Science and Engineering, Hefei National Laboratory for Physical Sciences at the Microscale, University of Science and Technology of China, Hefei, Anhui 230026, China

*To whom correspondence should be addressed. E-mail: sliu@ustc.edu.cn
Figure S1. (a) Normalized fluorescence emission spectrum recorded for FRET donor (NBD-OH, λ_ex = 470 nm, slit widths: E_x = 5 nm, E_m = 5 nm), and normalized UV-vis absorption spectrum recorded for FRET acceptor, RhB-ethylenediamine derivative, at (b) pH 2 and (c) pH 9 in aqueous solution at 25 °C.