Supporting Information

Thiol and pH Dual-Responsive Dynamic Covalent Shell Cross-Linked Micelles for Triggered Release of Chemotherapeutic Drugs†

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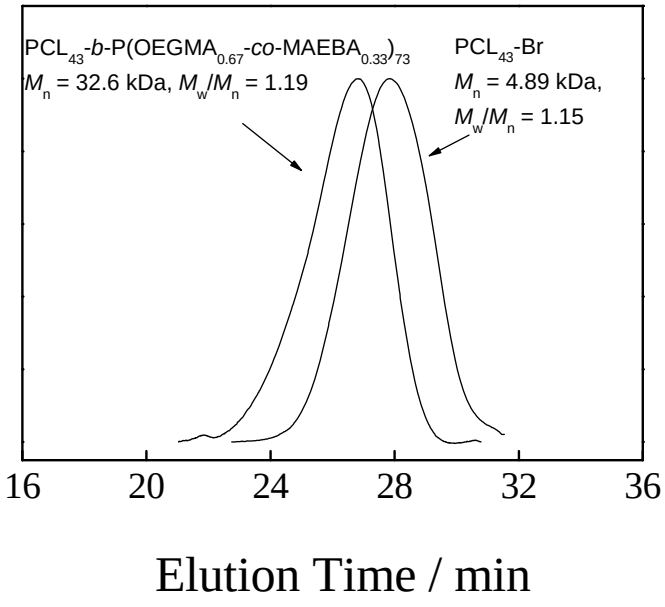

Fig. S1. DMF GPC traces recorded for PCL_{43}-Br and PCL_{43}-*b*-P(OEGMA$_{0.67}$-*co*-MAEBA$_{0.33}$)$_{73}$ diblock copolymer.

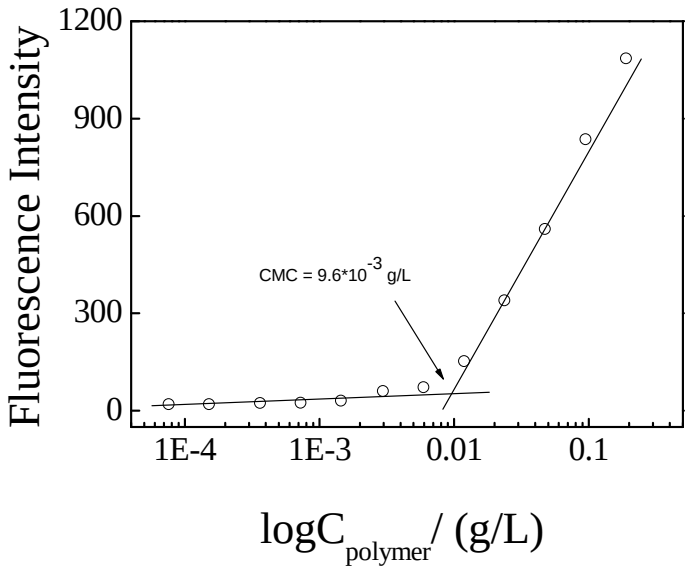

Fig. S2. Plot of emission intensity of Nile red at the emission maxima 615 nm (λ_{ex} = 550 nm; slit widths: Ex. 5 nm, Em. 5 nm) as a function of concentration of PCL_{43}-*b*-$P(OEGMA_{0.67}$-*co*-$MAEBA_{0.33})_{73}$ diblock copolymer. Nile red concentration was fixed to be 1.0×10^{-6} M.

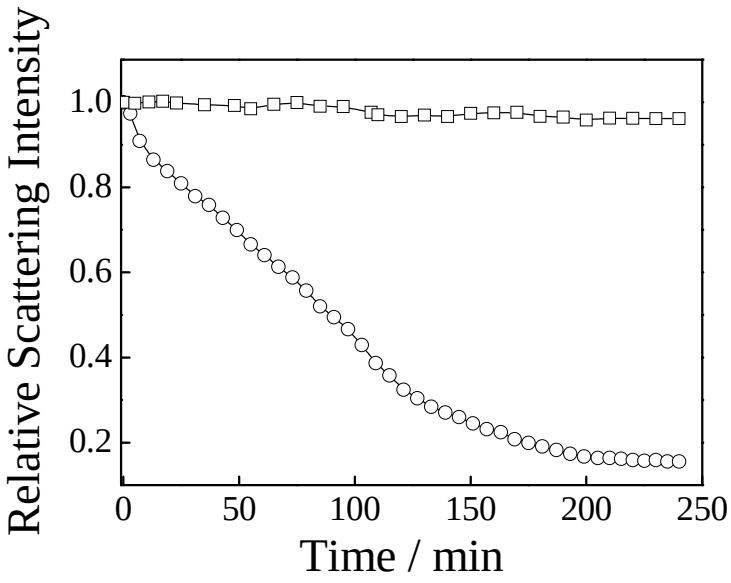

Fig. S3. Time dependence of relative light scattering intensities recorded for 0.05 g/L aqueous solution of (○) Non-crosslinked (NCL) micelles and (□) Shell cross-linked (SCL) micelles fabricated from PCL_{43}-*b*-$P(OEGMA_{0.67}$-*co*-$MAEBA_{0.33})_{73}$ diblock copolymer upon treating with 0.1 g/L lipase at 37 ^{o}C.