

Supporting Information

A pH responsive nanoprobe for tumor fluorescence imaging based on spiro lactam rhodamine

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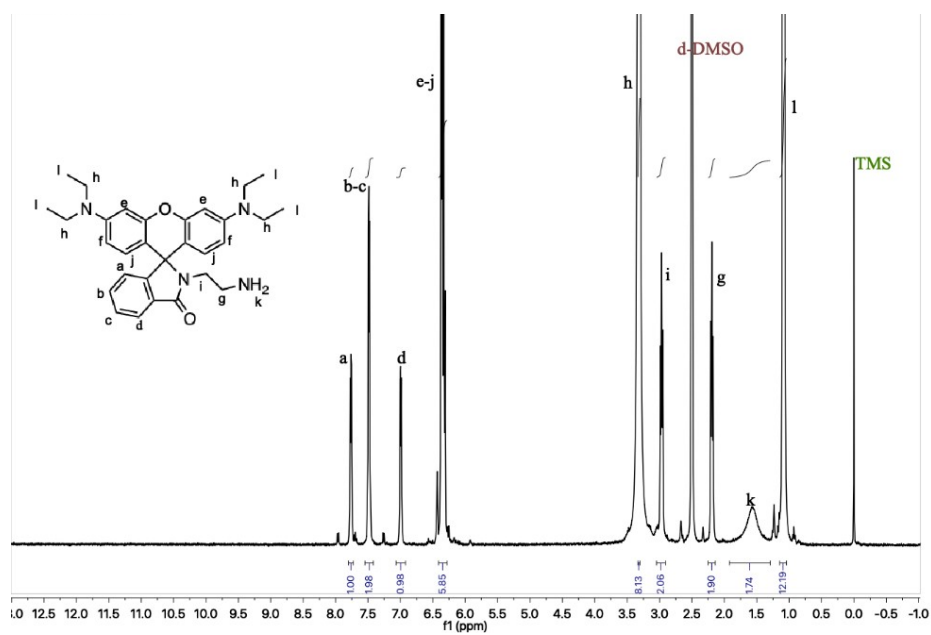


Figure S1. $^1\text{H-NMR}$ of RdB-EDS.

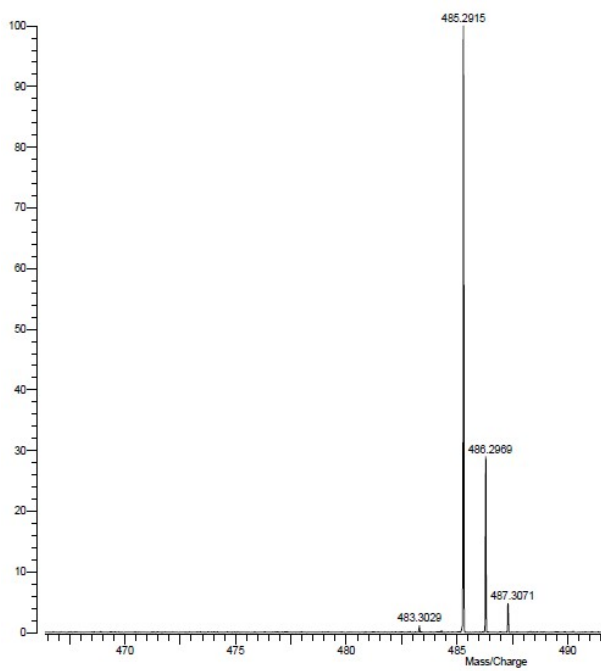


Figure S2. ESI-MS of RdB-EDS.

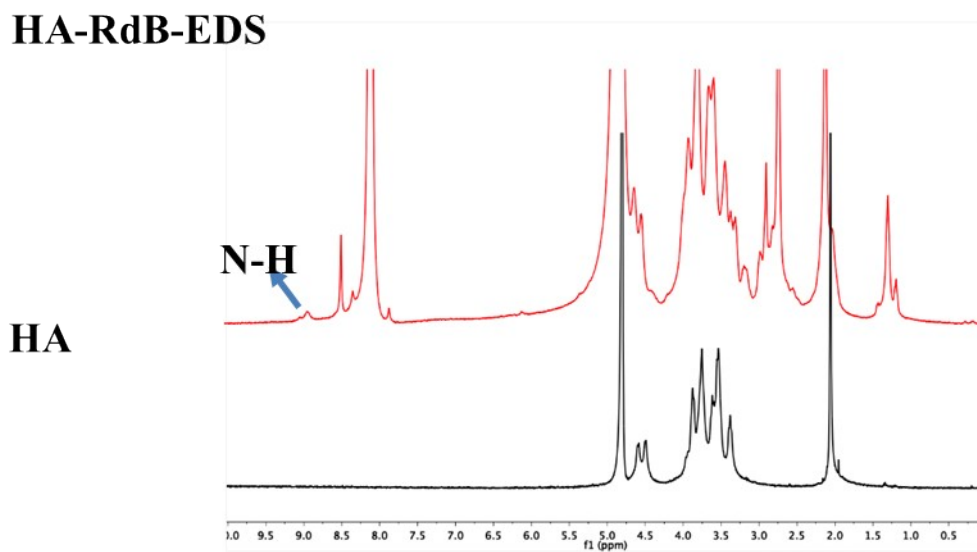


Figure S3. ¹H-NMR of HA-RdB-EDS.

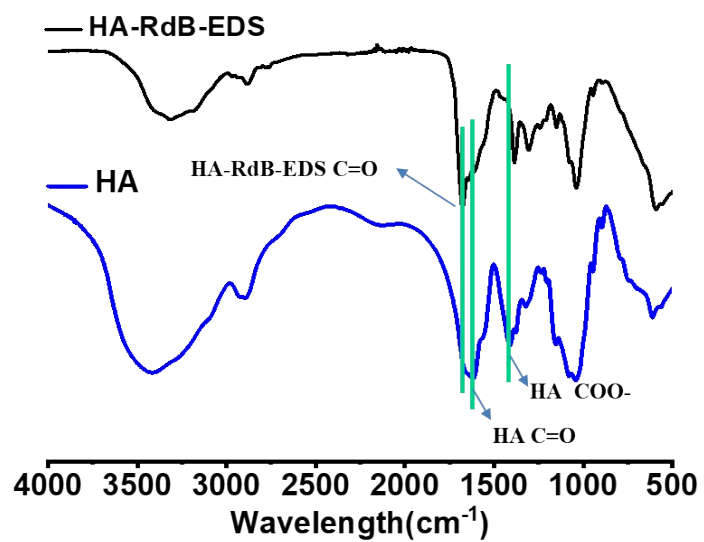


Figure S4 FT-IR HA-RdB-EDS.

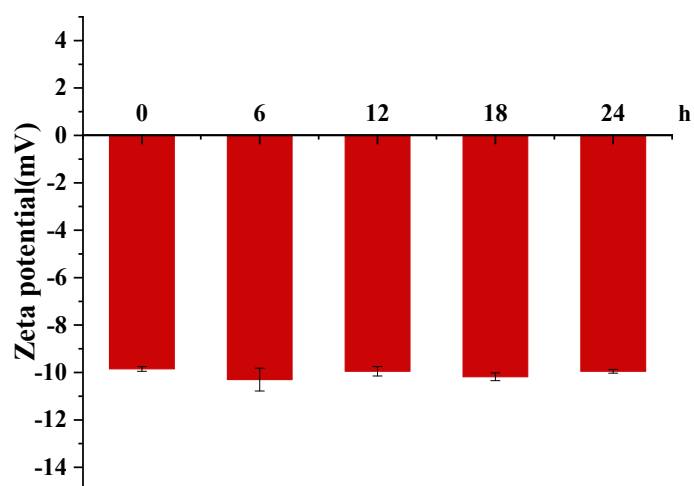


Figure S5 Zeta potential of HA-RdB-EDS NPs.

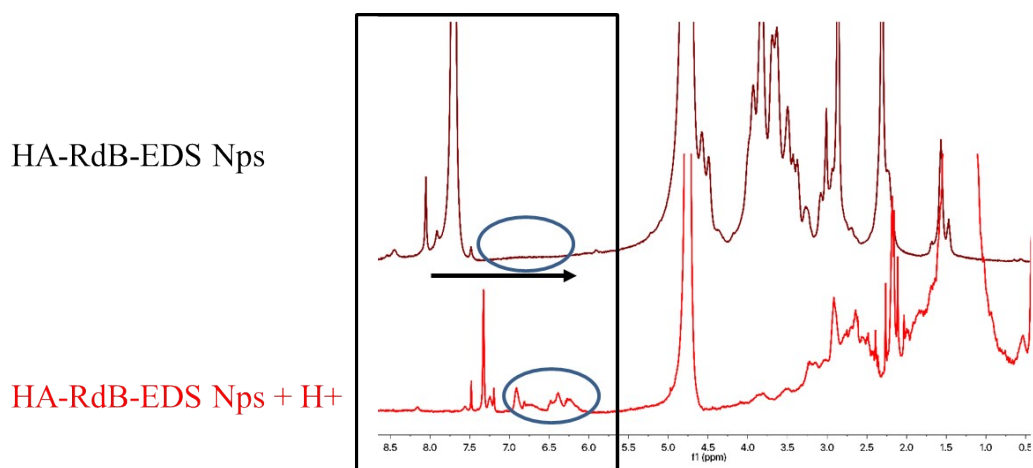


Figure S6 $^1\text{H-NMR}$ of HA-RdB-EDS NPs with or without H^+ .

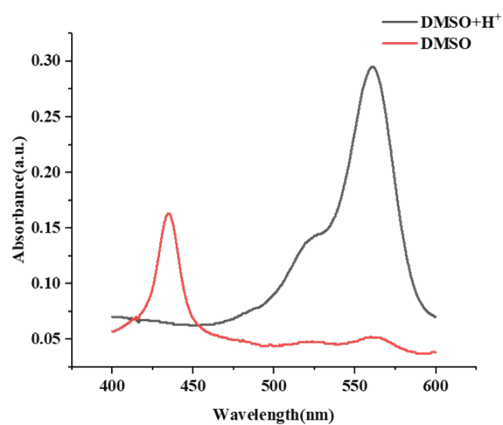


Figure S7 $^1\text{H-NMR}$ of HA-RdB-EDS NPs with or without H^+ .

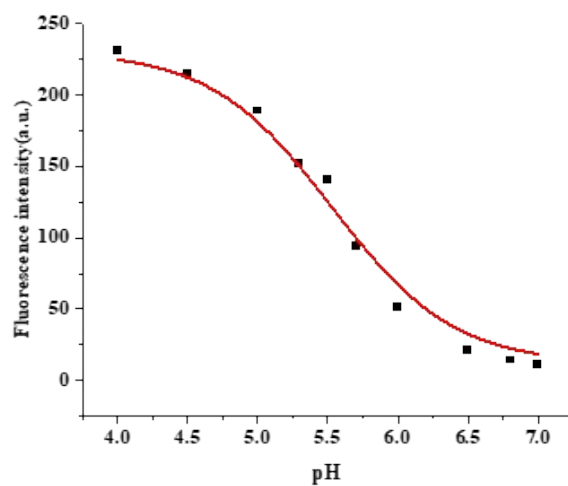
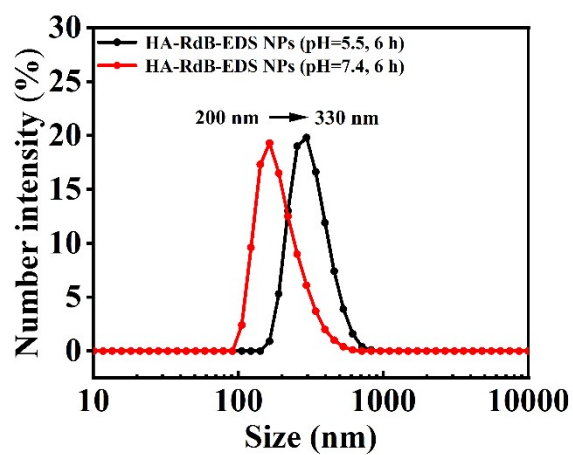


Figure S8 The fluorescence intensity of the HA-RdB-EDS NPs (2 mg/mL) at 586 nm in PBS buffer at different pH values



FigureS9. The hydrodynamic diameters of HA-RdB-EDS NPs in PBS of different pH value.