Facile sonochemical synthesis of water-soluble gold nanodots as fluorescence probe for superoxide radical anion detection and cell imaging

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Fig. S1. The UV-vis absorption spectra (A) and fluorescence spectra (B) of HAuCl₄, 2-Mercaptobenzothiazole, D (+)-Mannose, and Au NDs.
Fig. S2. The TEM image of Au NDs, scale bar: 10 nm.

Fig. S3. The standard curve line of scavenging effect of ascorbic acid on superoxide radical anion with the concentration of ascorbic acid.