Supporting Information

The multifunctional magnetic nanoparticles for simultaneous cancer near-infrared imaging and targeting photodynamic therapy

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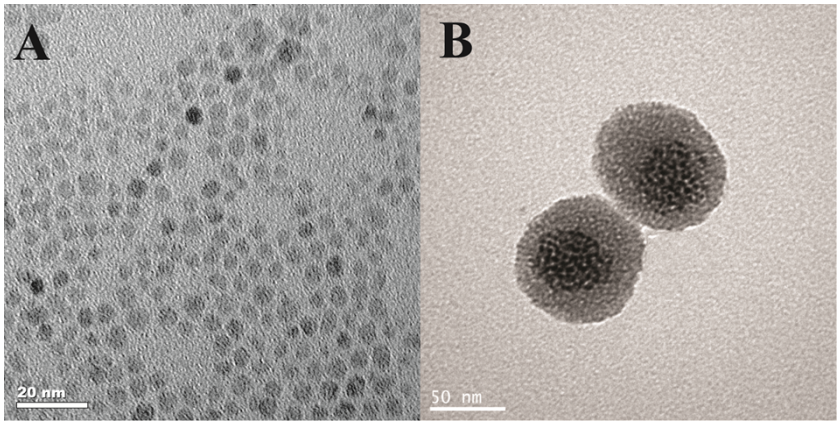

Fig. S1 TEM images of Fe_3O_4 (A) and Fe_3O_4@mSiO_2(MB)-FA (B) nanoparticles.

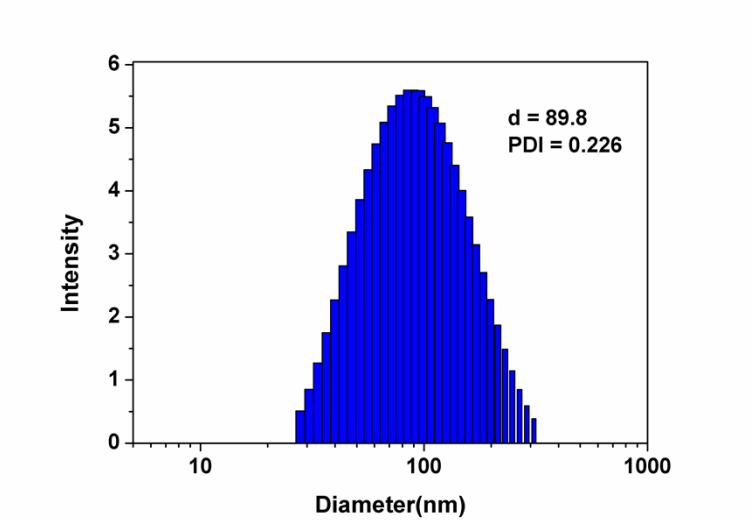

Fig. S2 Particle size distributions of Fe_3O_4@mSiO_2(MB)-FA nanoparticles.

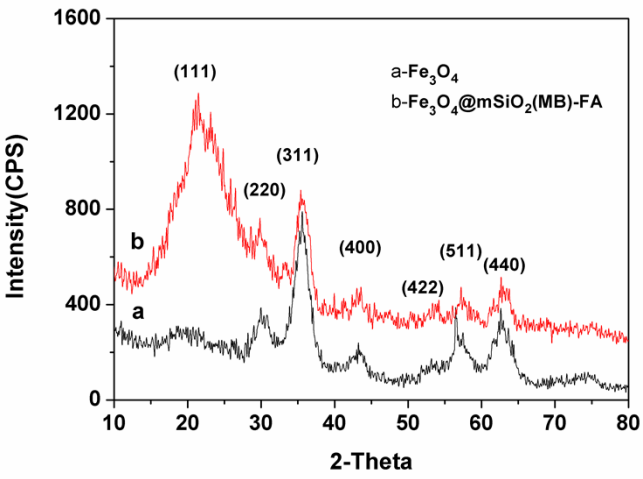

Fig. S3 XRD patterns of Fe_3O_4 (a) and Fe_3O_4@mSiO_2(MB)-FA (b)

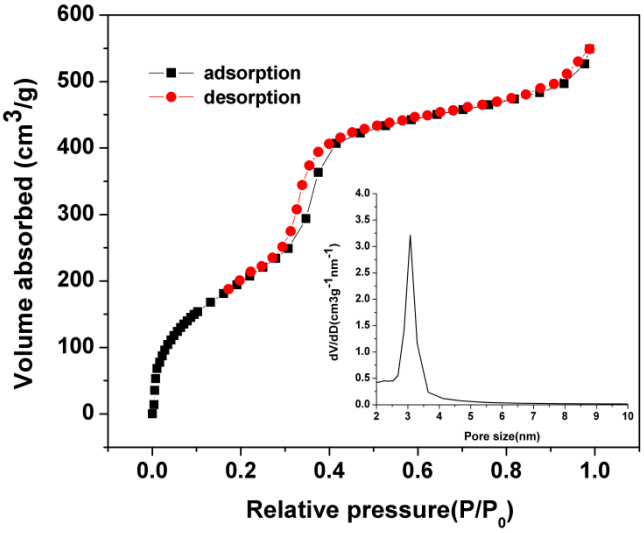

Fig. S4 The N_2 adsorption/desorption isotherm and pore size distribution curve (inset) of Fe_3O_4@mSiO_2-FA

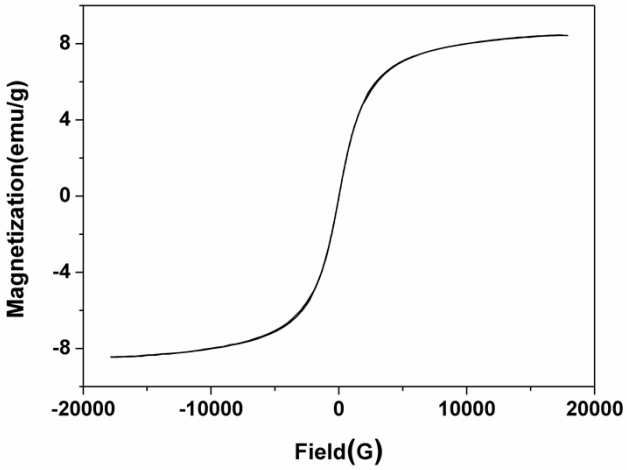

Fig. S5 Magnetization curve of Fe_3O_4@mSiO_2(MB)-FA

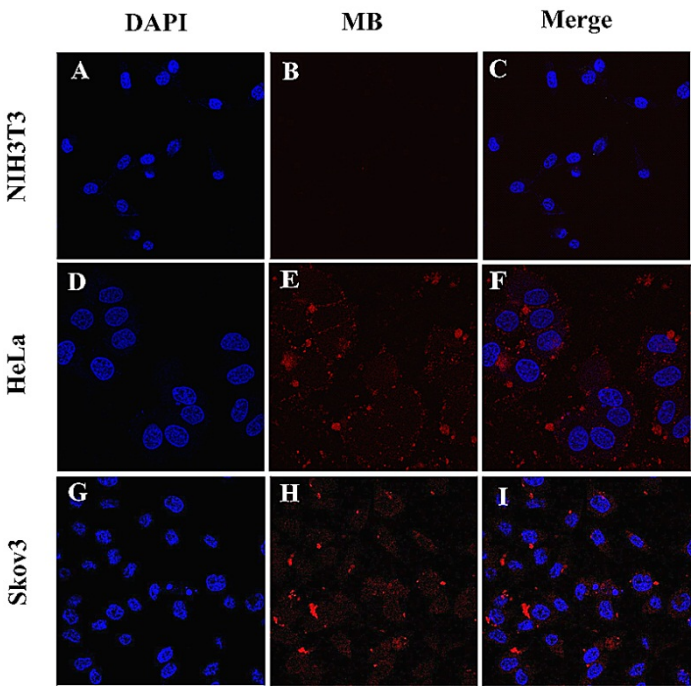

Fig. S6 Confocal laser micrographs of NIH 3T3 (A, B, C), HeLa (D, E, F) and SK-OV-3 (G, H, I) cells incubated with Fe_3O_4@mSiO_2(MB)-FA.

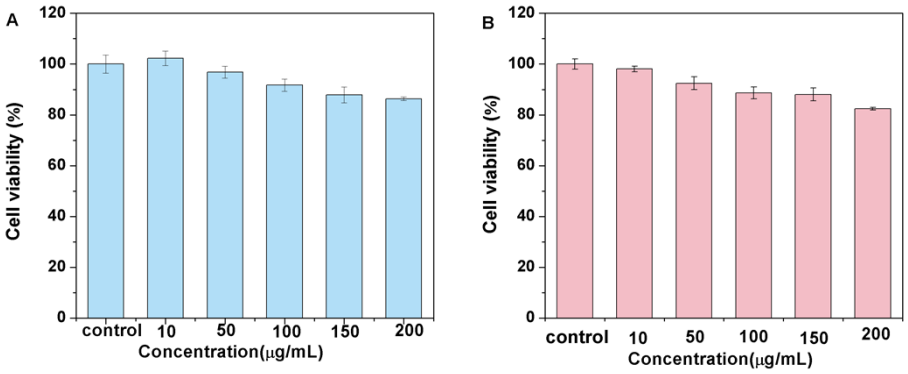

Fig. S7 *In vitro* cytotoxity of Fe_3O_4@$mSiO_2$(MB)-FA for different concentrations to SK-OV-3 cells at (A) 24 h and (B) 48 h.

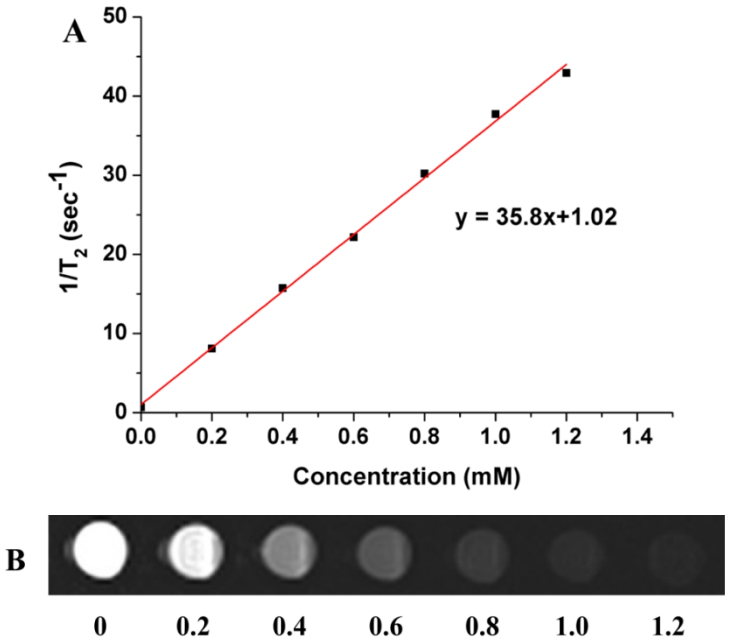

Fig. S8 (A) Relaxivity plot for Fe_3O_4@$mSiO_2$(MB)-FA and (B) Phantom MR images of Fe_3O_4@$mSiO_2$(MB)-FA showing T_2 weighted bright contrast.