Supporting Information

Renal Clearable Peptide Functionalized Ba_2GdF_7 Nanoparticles for Positive Tumor-targeting dual-mode Bioimaging

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1. Additional Figures S1-S7

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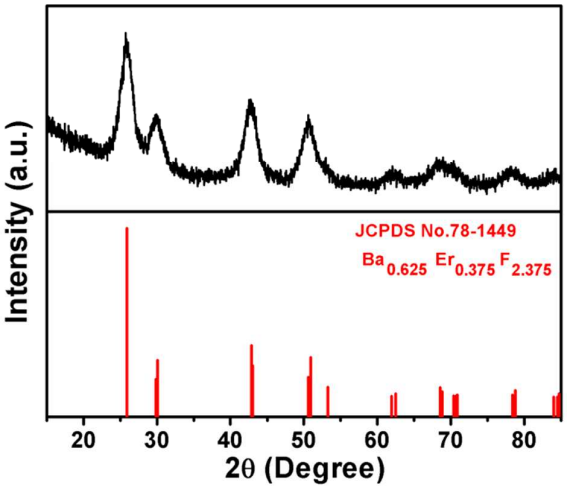

Figure S1 XRD pattern of Ba_2GdF_7 NPs.

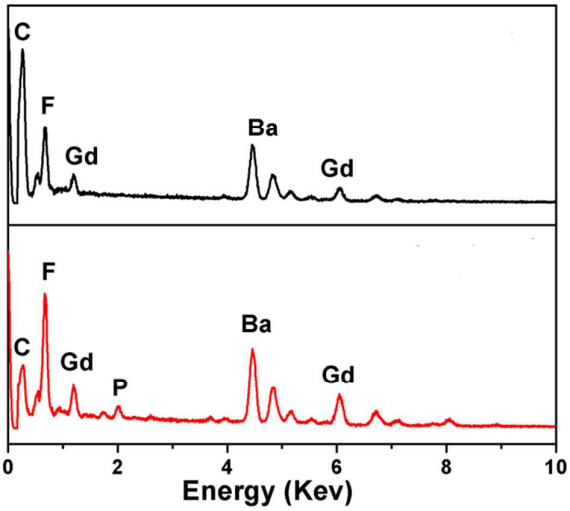

Figure S2 EDS spectra of oleate-NPs (black line) and pEGFR-targeted Ba_2GdF_7 NPs (red line).

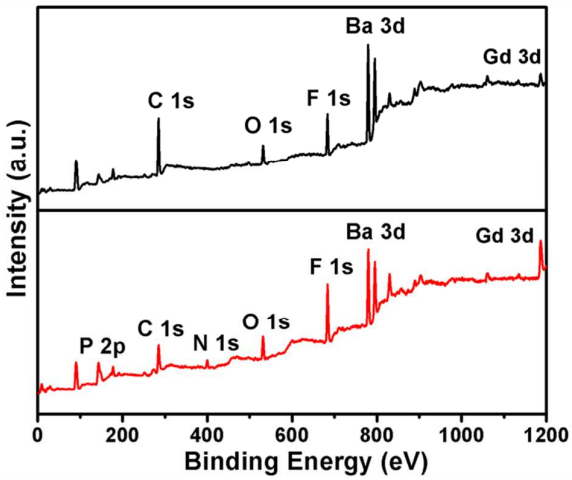

Figure S3 XPS survey spectra of oleate-Ba_2GdF_7 NPs (black line) and pEGFR-targeted Ba_2GdF_7 NPs (red line).

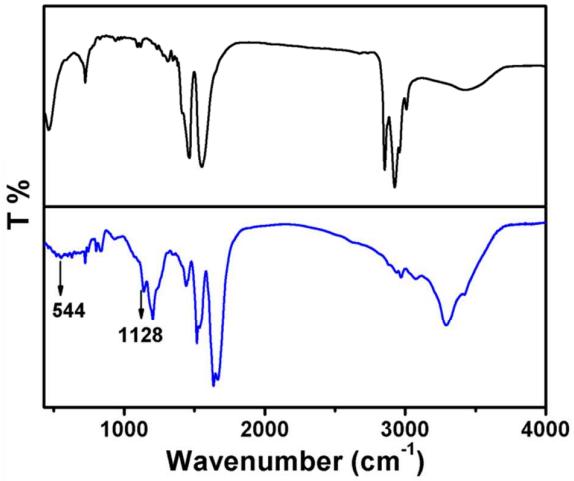

Figure S4 FTIR spectra of oleate-Ba_2GdF_7 NPs (black line) and pEGFR-targeted Ba_2GdF_7 NPs (blue line).

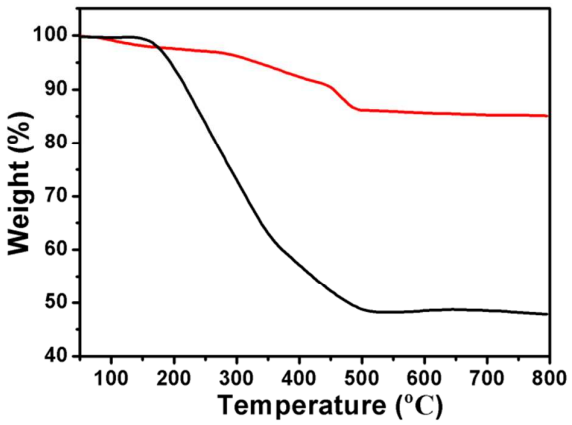

Figure S5 TGA curves of the pEGFR-targeted Ba_2GdF_7 NPs (red line) and tryptone-Ba_2GdF_7 NPs (black line).

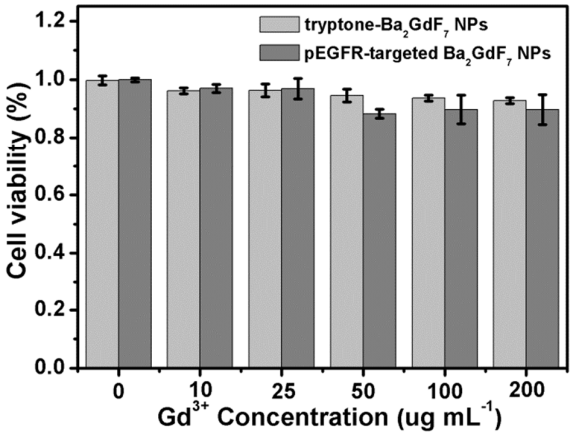

Figure S6 Viability of A549 cells treated with pEGFR-targeted Ba_2GdF_7 NPs and tryptone-Ba_2GdF_7 NPs at different Gd^{3+} concentrations.

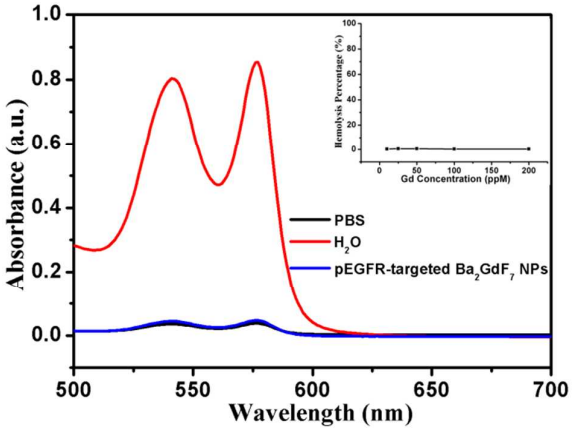

Figure S7 Hemolysis assay of pEGFR-targeted Ba_2GdF_7 NPs. The PBS is used as a negative control and, H_2O is used as a positive control, respectively. Inset is the hemolysis percentage with different concentrations (Gd^{3+}: 10, 25, 50, 100 and 200 ppm).