Supporting Information

Figure S1. Schematic synthesis routes of mPEG-g-PEI (PP)
Figure S2. Synthesis of E[c(RGDrK)]$_2$-PEG-g-PEI (RPP) (a) Modify E[c(RGDrK)]$_2$ to form terminal sulfhydryl group (b) Bind NHS-PEG-MAL to branched PEI (c) Obtain the final product by mixing (a) and (b)intermediates.
Figure S3. The tumor-to-kidney, tumor-to-liver, tumor-to-heart (blood pool) ratios for $^{99m}$Tc-PP10/D in female BALB/c nude mice bearing subcutaneous Hela tumors.
Figure S4. The tumor-to-kidney, tumor-to-liver, tumor-to-heart(blood pool) ratios for $^{99m}$Tc-RPP10/D in female BALB/c nude mice bearing subcutaneous Hela tumors.