

Figure S1. TEM image of Fe₃O₄ NPs. Scale bar = 100 nm

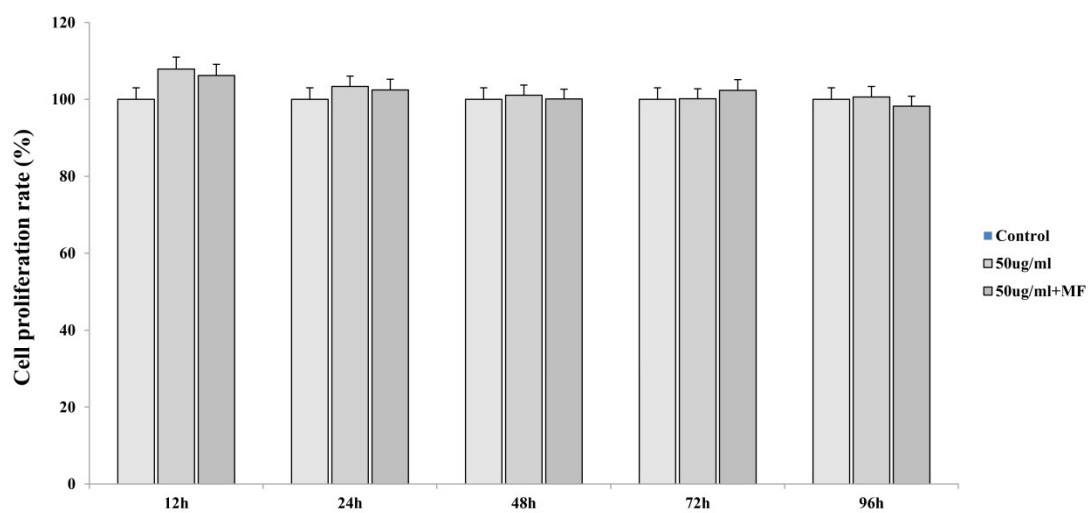


Figure S2. CCK-8 assay showing that magnetic field had no significant effect on the NK cell viability

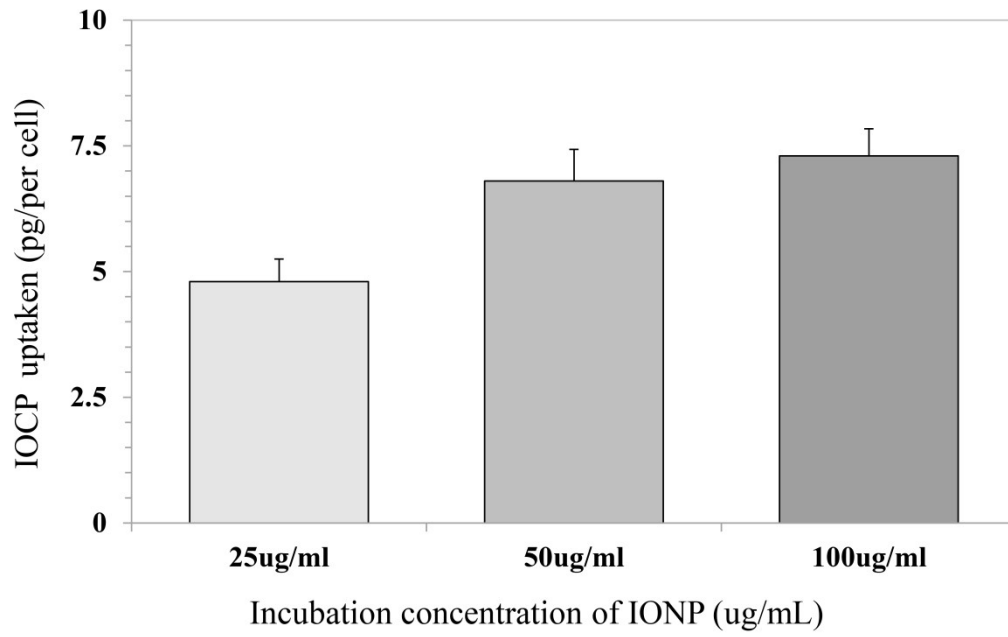


Figure S3. The amount of iron uptaken in NK cells was determined by ICP-MS. IONP, $\text{Fe}_3\text{O}_4@PDA$ NPs; ICP-MS, inductively coupled plasma mass spectrometry

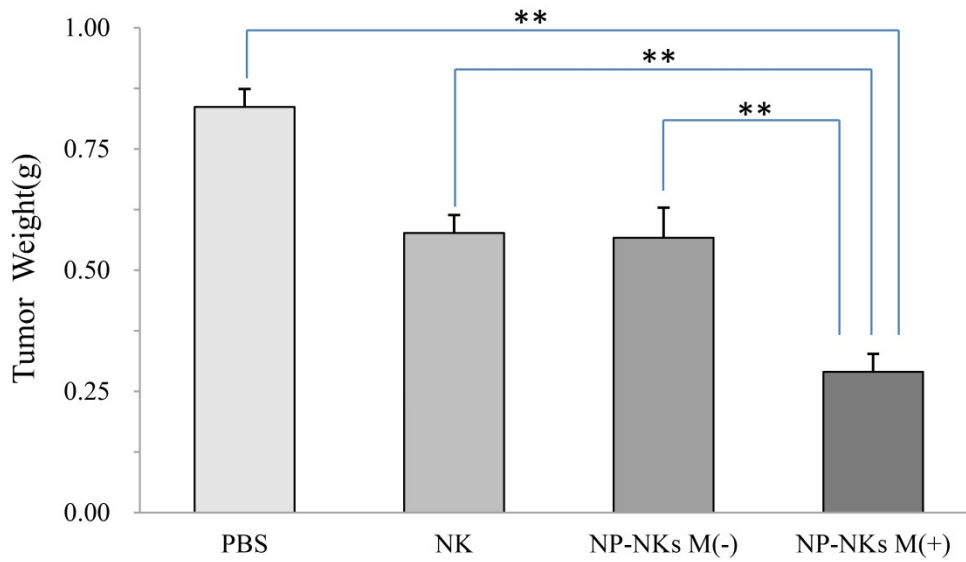


Figure S4. The tumor weights of each group after 18 days treatment. **p < 0.01.