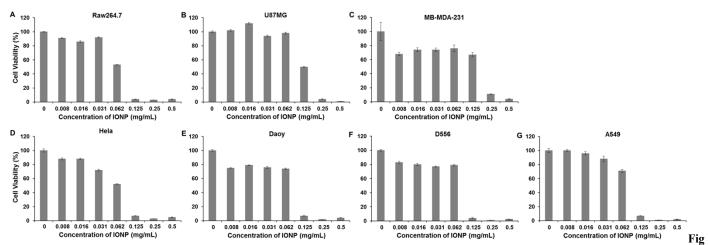
PEG-*b*-AGE Polymer Coated Magnetic Nanoparticle Probes with Facile Functionalization and Antifouling Properties for Reducing Non-specific Uptake and Improving Biomarker Targeting

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ure S1. MTT assay (3 day) of cytotoxicity of PEG-*b*-AGE coated IONP with (A) RAW264.7 macrophages, (B) Daoy medulloblastoma cells, (C) MB-MDA-231 breast cancer cells, (D) Hela cells, (E) D556 medulloblastoma cells, (F)U87MG glioblastoma cells, and (G) A549 lung cancer cells.

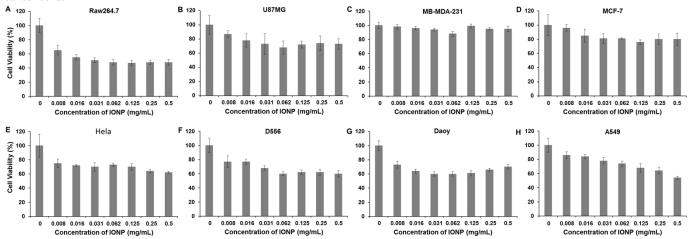


Figure S2. MTT assay (1 day) of cytotoxicity of RGD conjugated PEG-*b*-AGE coated IONP with (A) RAW264.7 macrophages, (B) Daoy medulloblastoma cells, (C) MB-MDA-231 breast cancer cells, (D) MCF-7 breast cancer cells, (E) Hela cells, (F) D556 medulloblastoma cells, (G)U87MG glioblastoma cells, and (H) A549 lung cancer cells.

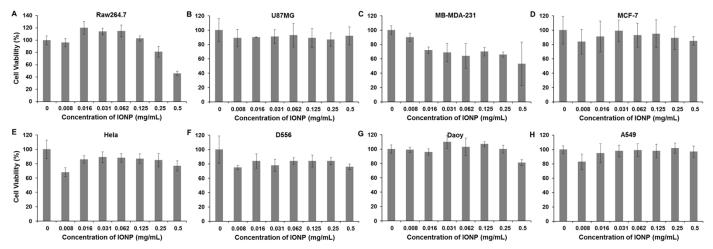


Figure S3. MTT assay (3 days) of cytotoxicity of RGD conjugated PEG-*b*-AGE coated IONP with (A) RAW264.7 macrophages, (B) Daoy medulloblastoma cells, (C) MB-MDA-231 breast cancer cells, (D) MCF-7 breast cancer cells, (E) Hela cells, (F) D556 medulloblastoma cells, (G)U87MG glioblastoma cells, and (H) A549 lung cancer cells.

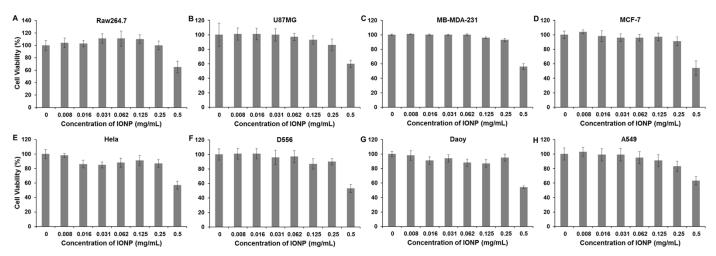


Figure S4. MTT assay (1 day) of cytotoxicity of Tf conjugated PEG-*b*-AGE coated IONP with (A) RAW264.7 macrophages, (B) Daoy medulloblastoma cells, (C) MB-MDA-231 breast cancer cells, (D) MCF-7 breast cancer cells, (E) Hela cells, (F) D556 medulloblastoma cells, (G)U87MG glioblastoma cells, and (H) A549 lung cancer cells.

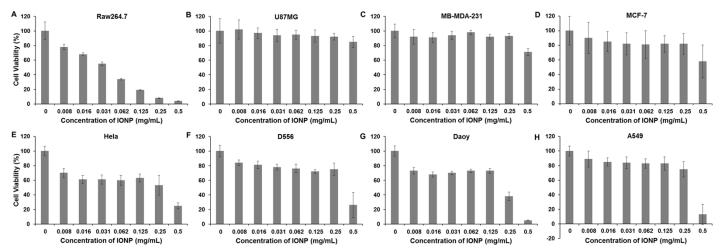


Figure S5. MTT assay (3 days) of cytotoxicity of Tf conjugated PEG-*b*-AGE coated IONP with (A) RAW264.7 macrophages, (B) Daoy medulloblastoma cells, (C) MB-MDA-231 breast cancer cells, (D) MCF-7 breast cancer cells, (E) Hela cells, (F) D556 medulloblastoma cells, (G)U87MG glioblastoma cells, and (H) A549 lung cancer cells.