

Supporting Information

Glucose Oxidase-Polymer Nanogels for Synergistic Cancer Starving and Oxidation Therapy

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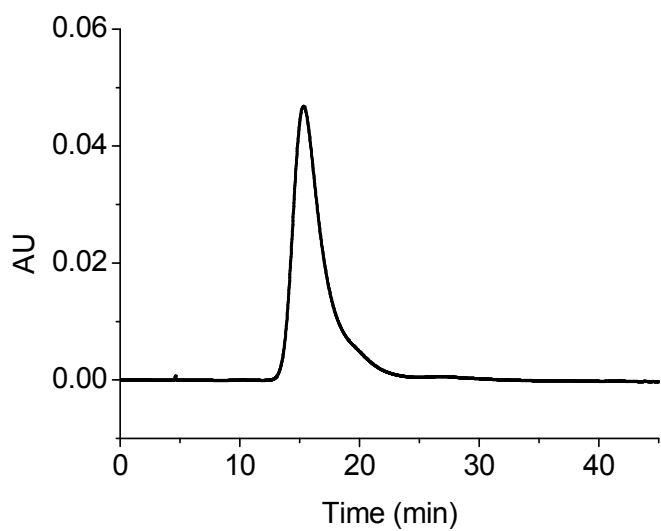


Figure.S1. GPC graph of poly (FBMA-*co*-OEGMA)

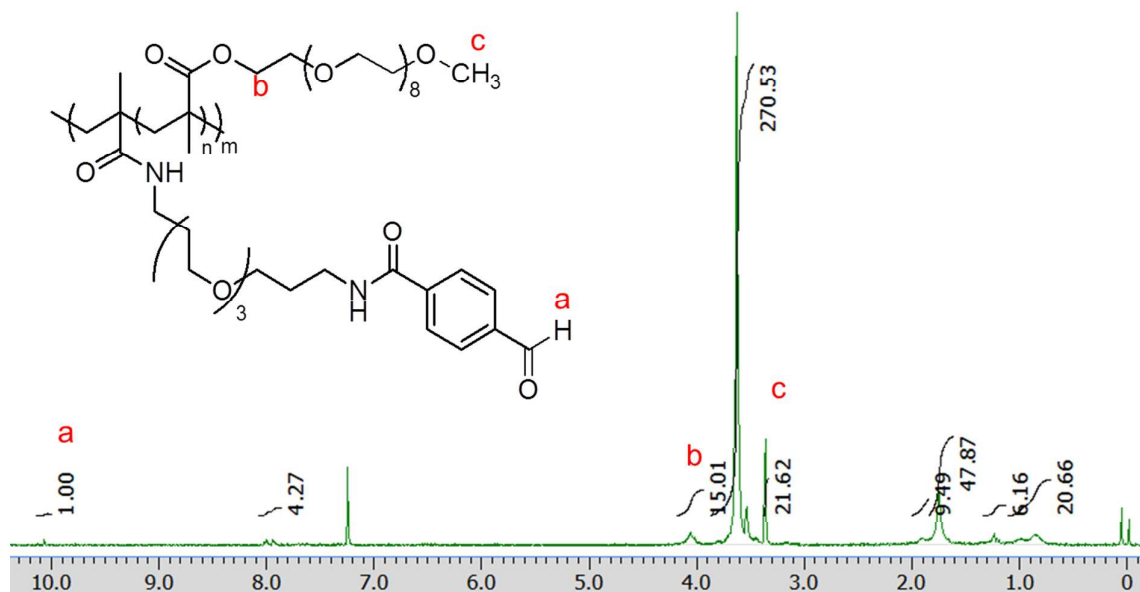


Figure.S2. ¹H NMR graph of poly (FBMA-*co*-OEGMA). The number of the hydrogen of the aldehyde group (-CHO, δ 10.08) is standardized as 1, the number of the hydrogens of the terminal methyl group of the side PEG chain (-CH₃, δ 3.35) is 21.6, which indicates that the ratio of FBMA to OEGMA is calculated to be about 1 : 7. The molecule weight of (FBMA + 7*OEGMA) is about 3800, the average molecule weight of the poly (FBMA-*co*-OEGMA) is 30,000, which indicates that each polymer chain has about 8 aldehyde group.

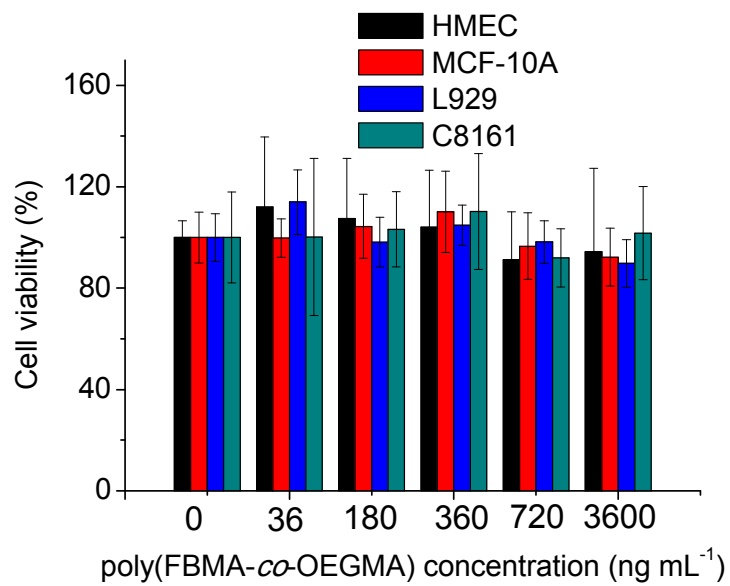


Figure.S3. Cytotoxicity of poly(FBMA-co-OEGMA) to tumor cells (C8161 cells) and normal cells (HMEC cells, MCF-10A cell, and L929 cells). Data are shown as mean \pm SD (n = 3).

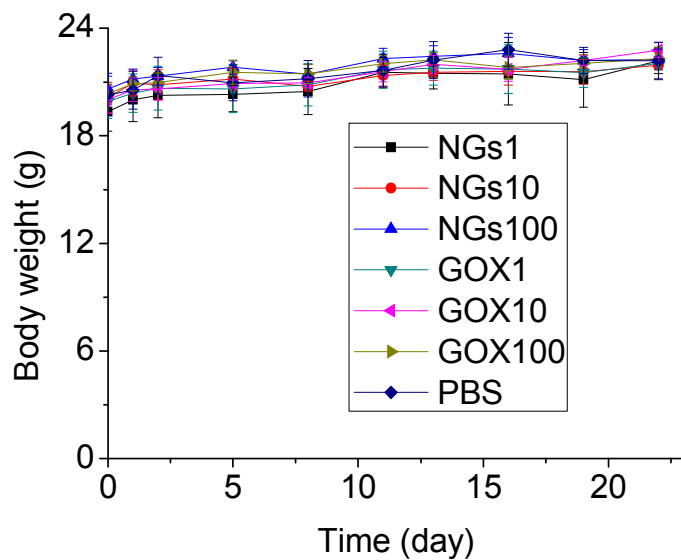


Figure.S4. Change of body weight of the mice post administration.