Electronic Supplementary Material (ESI) for Biomaterials Science.

The suppression of metastatic lung cancer by pulmonary administration of polymer nanoparticles for co-delivery doxorubicin and Survivin siRNA

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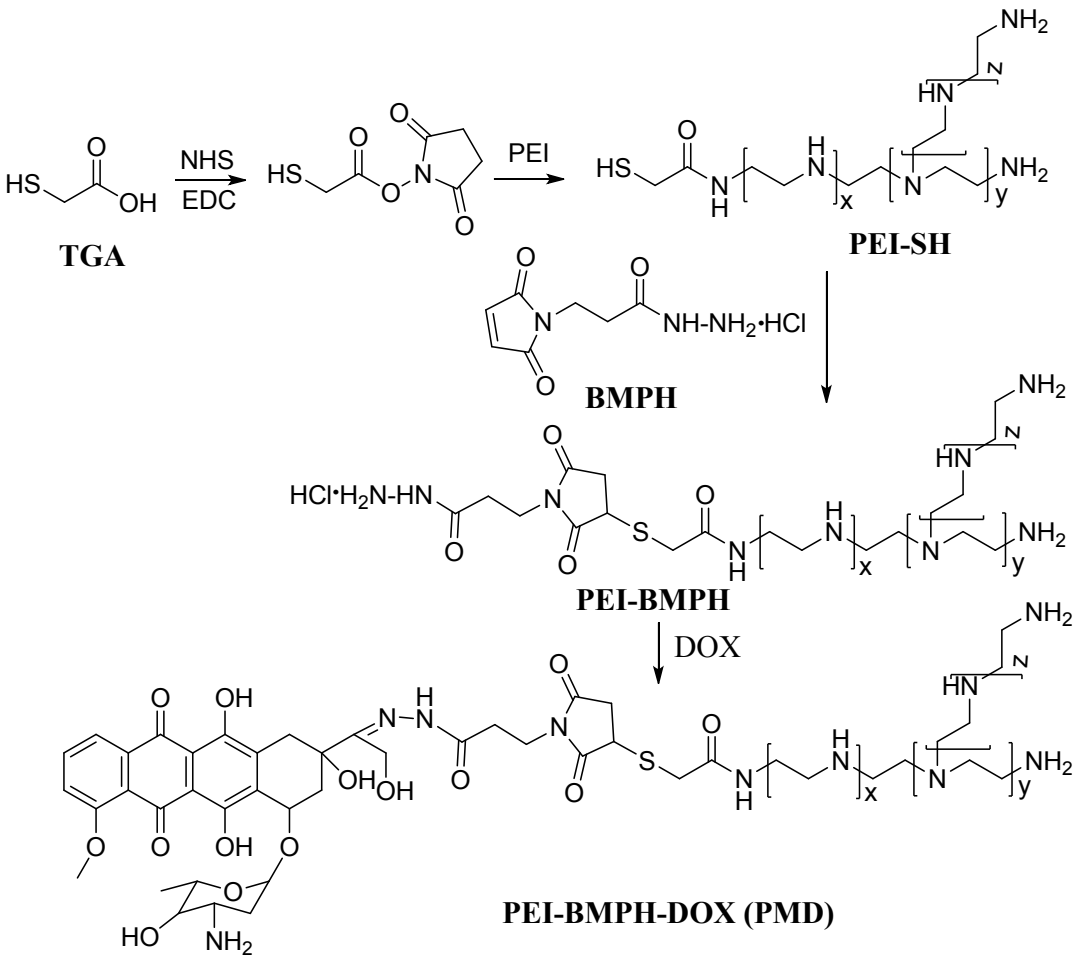

Fig. S1. Synthesis procedures of PMD.

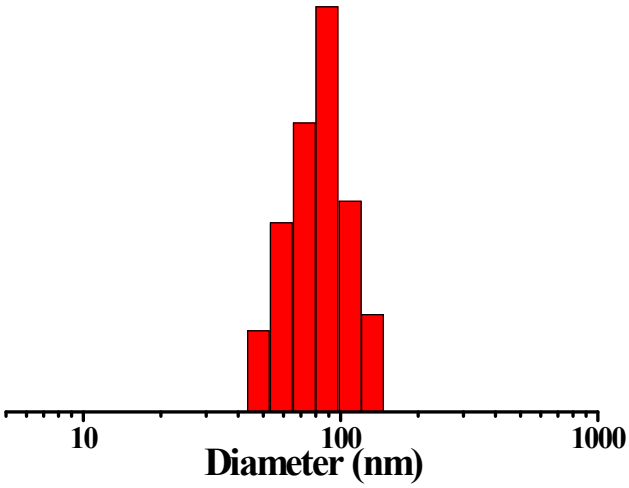

Fig. S2. Particle size of PMD/siRNA at ratio of 5/1 (wt/wt).

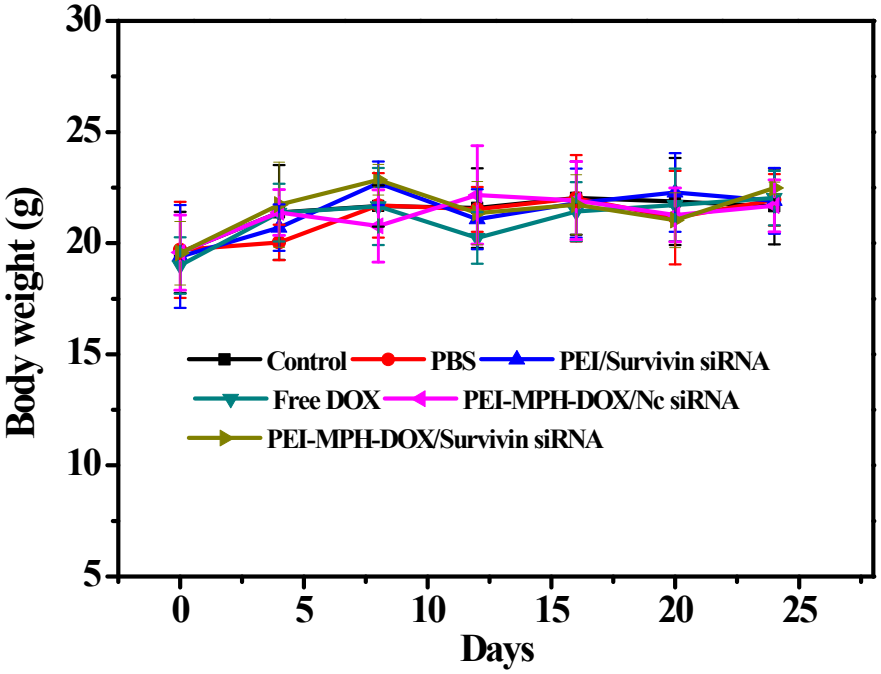

Fig. S3. The changes of body weight during treatments by PBS, PEI/Survivin siRNA, free DOX, PMD/Nc siRNA and PMD/Survivin siRNA (n=6 for each group).

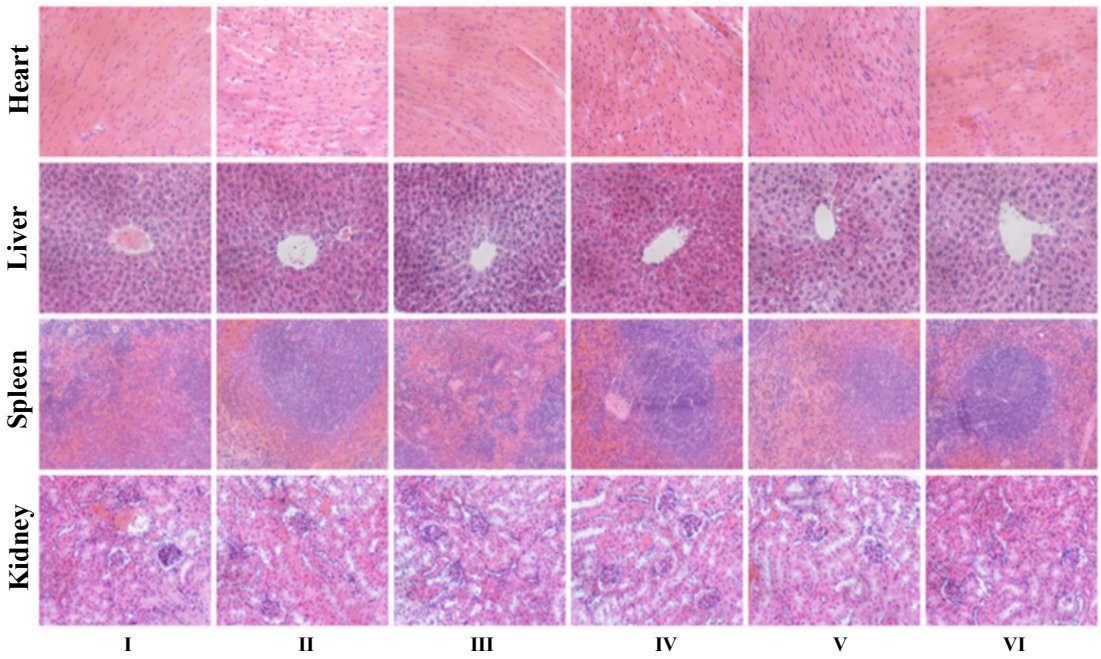

Fig. S4. Histological sections of lung tissues were examined under (100×) magnification. (I) Control, (II) B16F10 implanted and pulmonary PBS administered, (III) B16F10 implanted and pulmonary PEI/Survivin siRNA nanoparticles administered, (IV) B16F10 implanted and pulmonary free DOX administered, (V) B16F10 implanted and pulmonary PMD/Nc siRNA nanoparticles administered, (VI) B16F10 implanted and pulmonary PMD/Survivin siRNA nanoparticles administered.