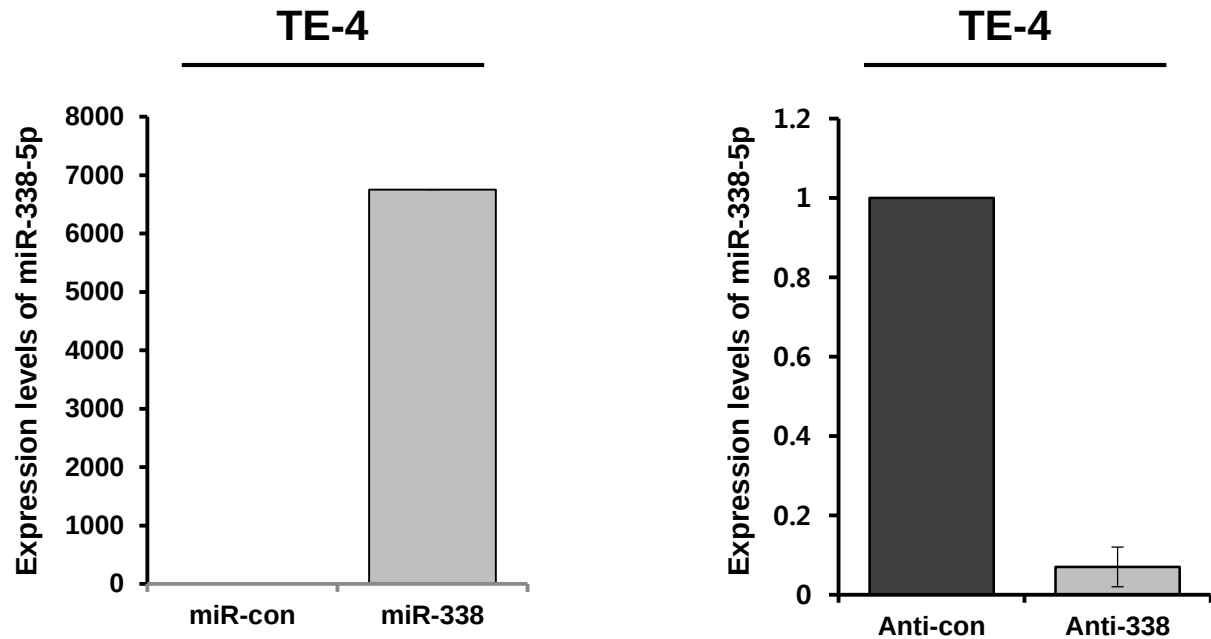
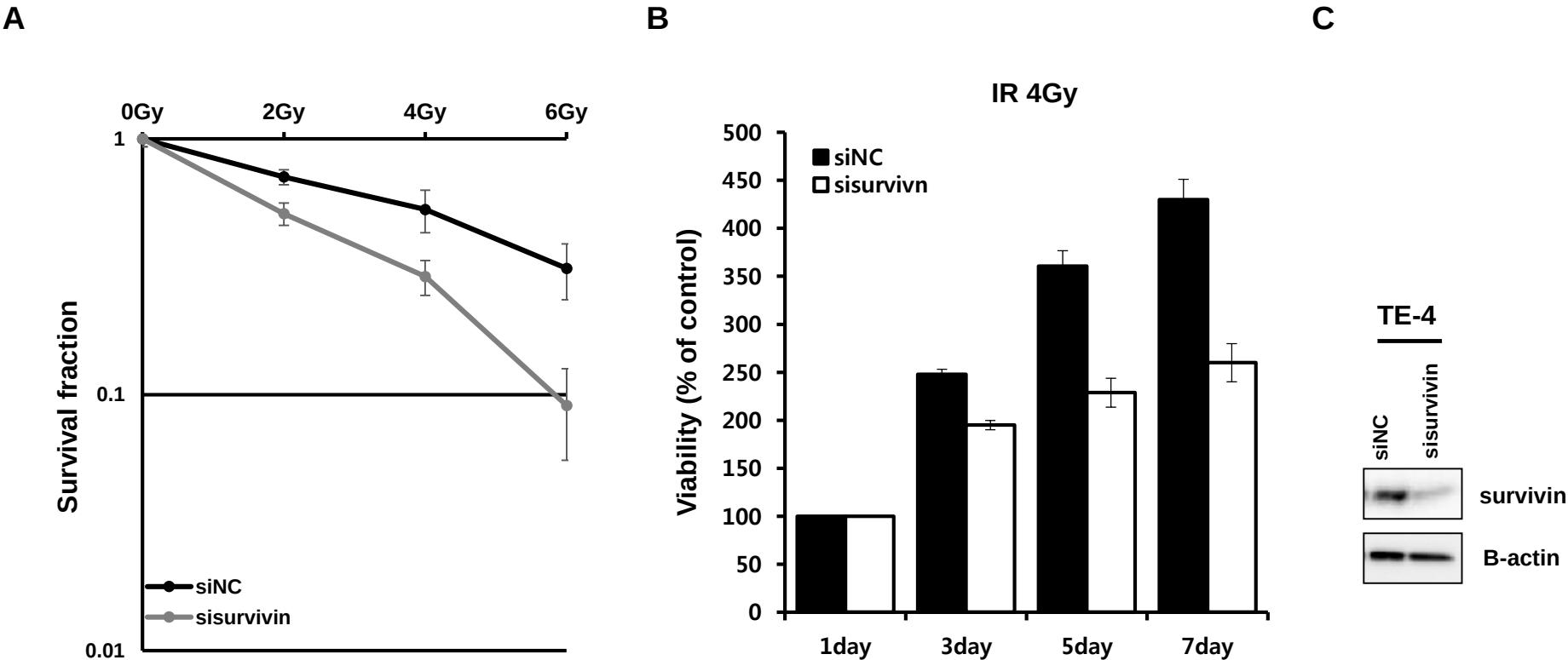


supplementary figure 1



Supplementary Fig. 1. Expression of miR-338-5p was determined by real-time PCR in TE-4 cells 48h after transfection with miR-338-5p mimic (miR-338) and inhibitor (Anti-338). RNU6B was used as an internal control for real-time PCR. Data in the bar chart are the mean $\pm$ SD of three independent experiments.

supplementary figure 2



Supplementary Fig. 2. Inhibition of survivin increases the sensitivity of TE-4 cells to radiation. **(A)** TE-4 cells were transfected with control or sisurvivin and irradiated with 2, 4, or 6 Gy. Clonogenic survival assays performed and surviving fractions were fitted to the linear-quadratic equation. **(B)** TE-4 cells transiently transfected with control or sisurvivin were exposed to 4 Gy radiation and cell viability was analyzed using the MTS cell proliferation assay at 1, 3, 5, and 7 days after irradiation. Data in the bar chart are the mean $\pm$ SD of three independent experiments ($p < 0.05$). **(C)** sisurvivin and control was transfected into TE-4. After 72 h, expression levels of survivin and β -actin were analyzed by western blot analysis.