

Supplementary Materials:

FIGURE S1. Autophagy reduces X-Ray induced micronuclei. (a-b) HT1080 cells and U2OS cells were pretreated with or without autophagy activator Rapa (20 nM) for 6 h, and then were treated with 5 Gy X-ray. Cells were fixed for measurement of the frequency of MN at 48 h after Rapa was washed out. *P < 0.05, **P < 0.01.

FIGURE S2. Inhibition of autophagy in cancer cells without elevated ROS. (a) HT1080 and U2OS cells were treated with CQ (50 μ M) for 24 h for examination of ROS using Flow cytometry. (b) HT1080 cells and U2OS cells were transfected with ATG5 siRNA or Control-siRNA, and cells were harvested for test 48 h later.

Figure S1

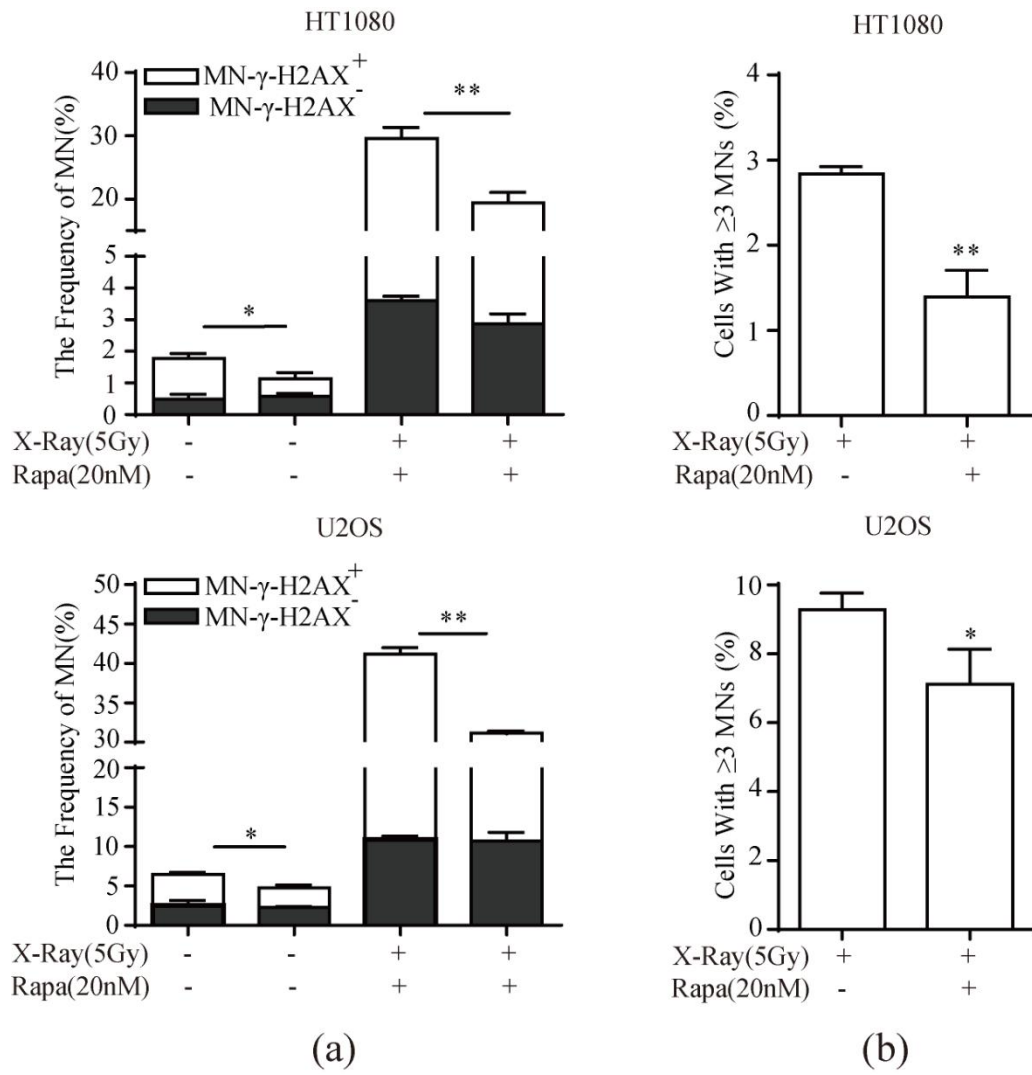


Figure S2

