



**Figure S1.** H<sub>2</sub>O<sub>2</sub> increased LDH release in A549 cells.

The enzymatic activity of lactate dehydrogenase (LDH) in serum-free medium were measured. The experiments were repeated at least three times. The results are presented as the mean  $\pm$  SD. (\*\* $P < 0.01$  vs. control group; # $P < 0.05$  H<sub>2</sub>O<sub>2</sub> group vs. H<sub>2</sub>S+H<sub>2</sub>O<sub>2</sub> group).