biomolecules

# Supplementary Figures

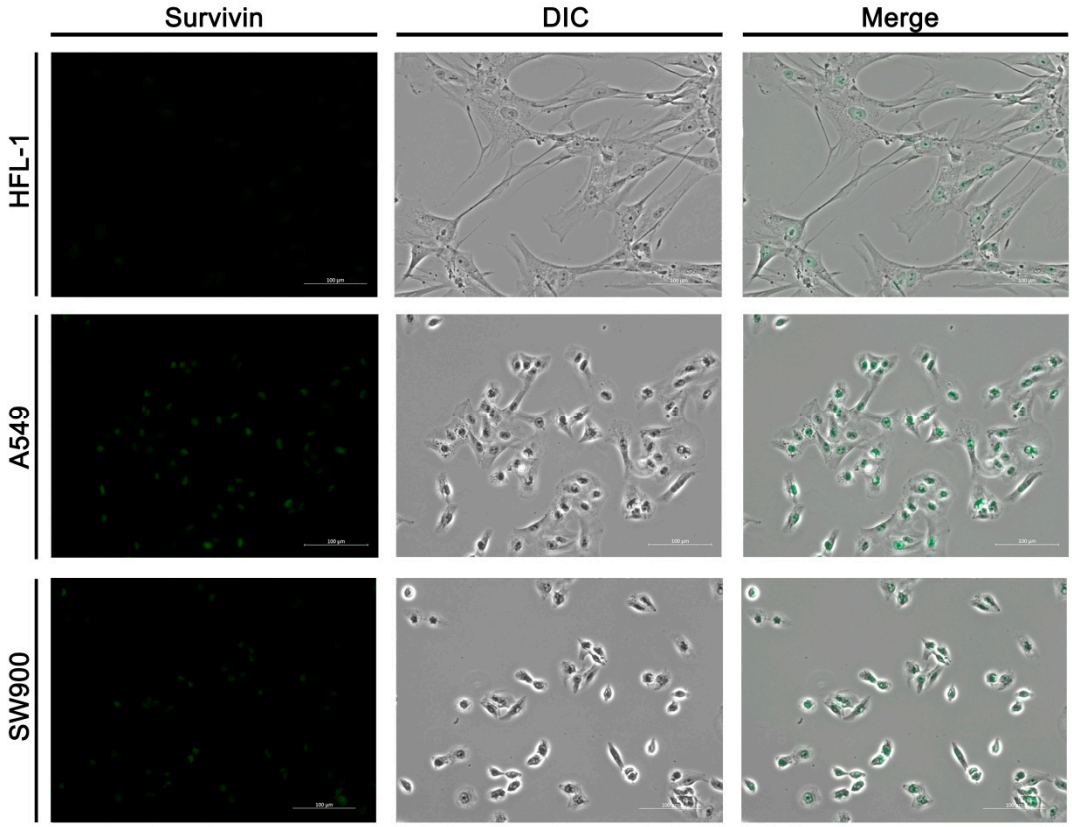


**Figure S1.** Survivin expression on normal (HFL-1) and lung cancer cells (A549, SW900). Survivin protein levels and localization were analyzed by immunocytochemistry.

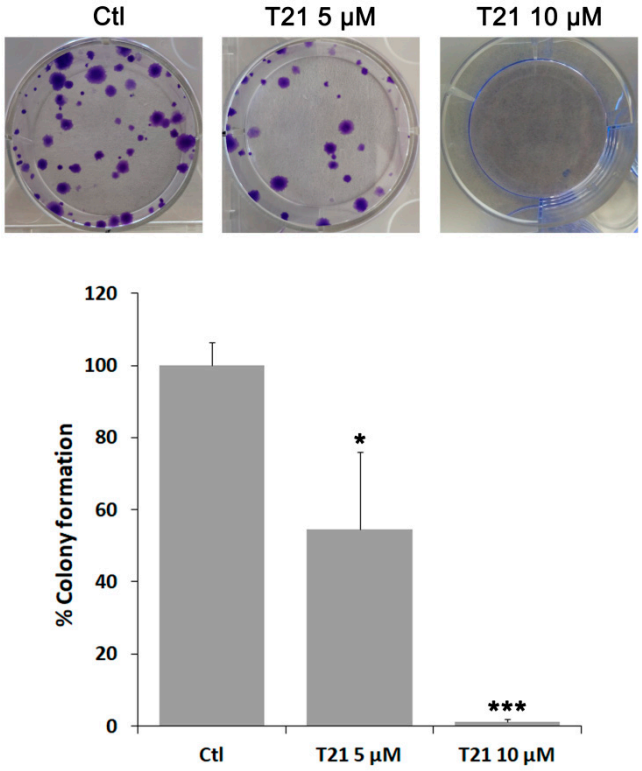


**Figure S2.** Effects of T21 on cell viability by a clonogenic assay. A549 cells were treated with T21 at concentrations ranging 2.5 – 10 µM for 24 h. A clonogenic assay was performed, (**A**) colonies were counted and (**B**) percentage of colony formation was calculated referred to control cells.

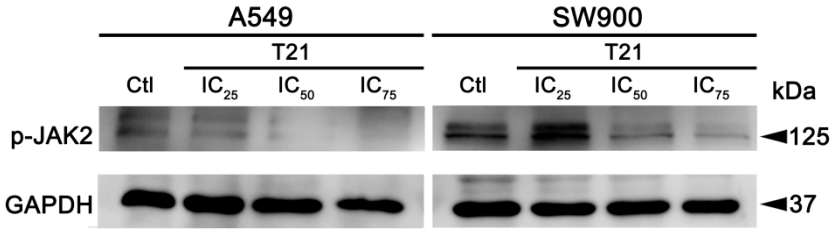


**Figure S3.** JAK2 activity after T21 treatment. JAK2 phosphorylation levels were assessed by immunoblot after treating A549 and SW900 cells with their respective IC values for 24 h.