

Cryptotanshinone inhibits ovarian tumor growth and metastasis by degrading c-Myc and attenuating the FAK pathway

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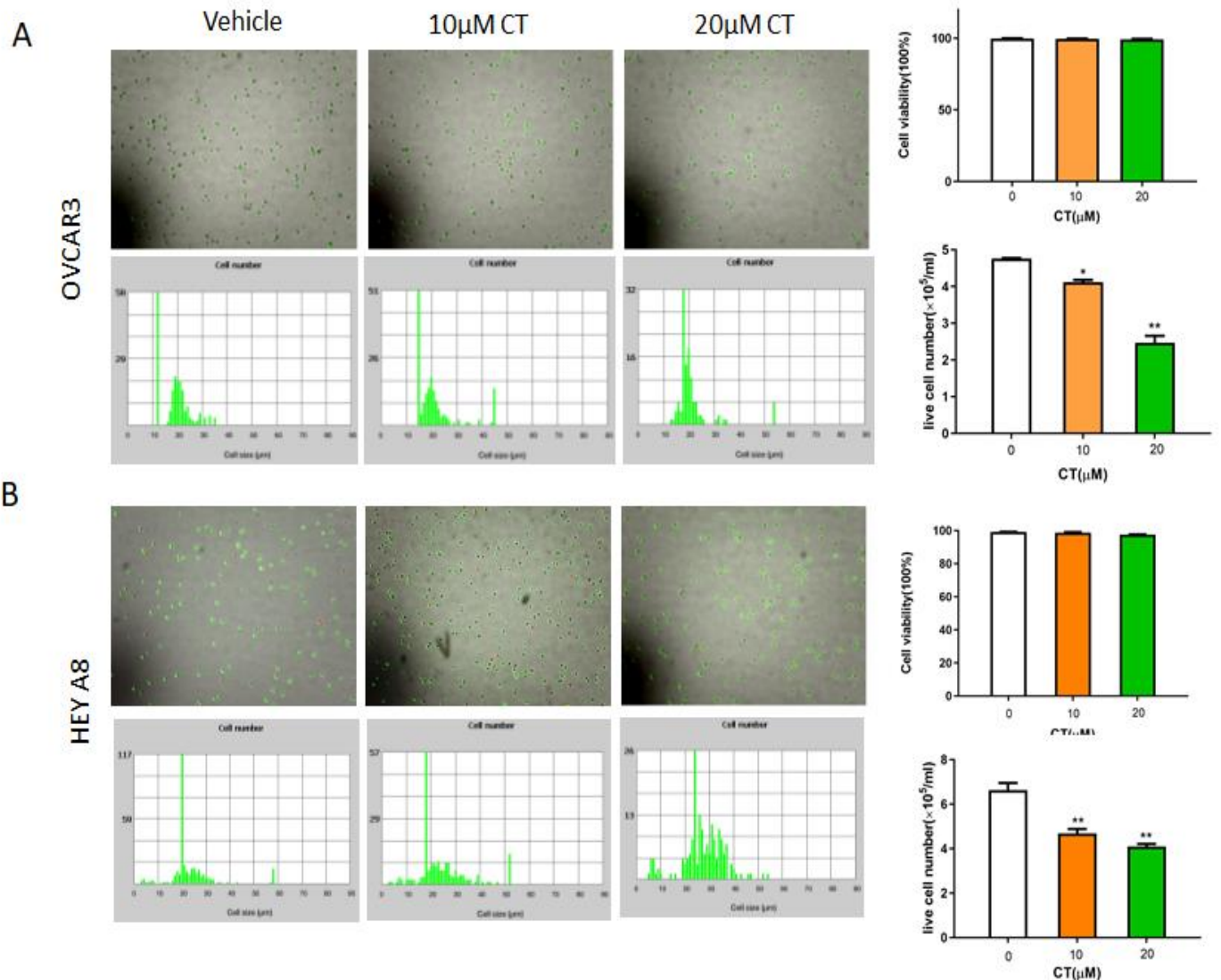


Figure S1. CT did not display cytotoxicity in ovarian cancer cells

(A) (B) Cell viability was detected by staining OVCAR3 (A) and HEY A8 (B) cells using acridine orange/propidium following different doses of CT treatment for 24 h. Live cells were stained in green and dead cells were stained in red. ** $p < 0.01$.

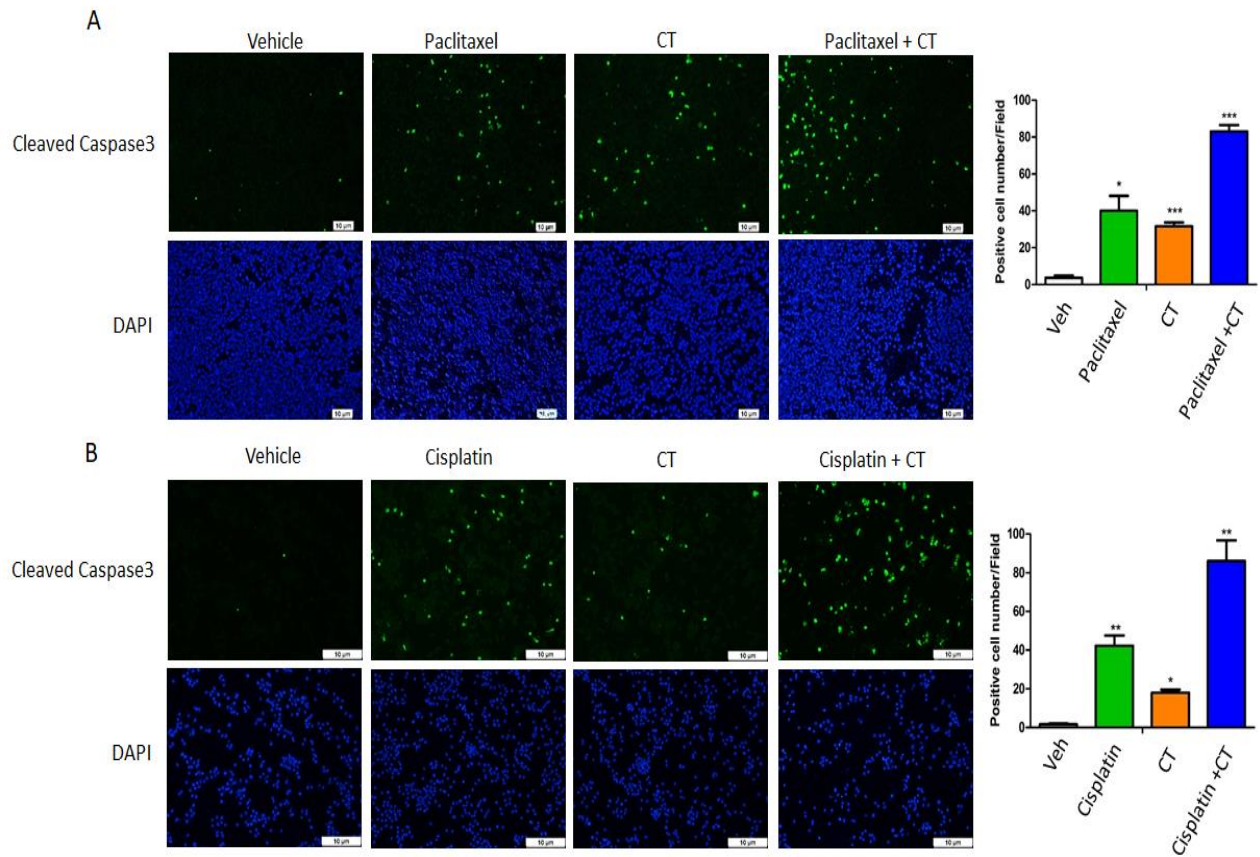


Figure S2. CT induced apoptosis in ovarian cancer cells.

(A) (B) Representative immunofluorescent images and quantification of apoptotic cells in OVCAR3 cells after 24 h treatment of CT with or without paclitaxel or cisplatin. Green signals indicated apoptotic cells. Scale bar, 10 μ m. Error bars represent mean $\pm$ SD (n = 3, *p<0.05, **p<0.01, ***p < 0.001).

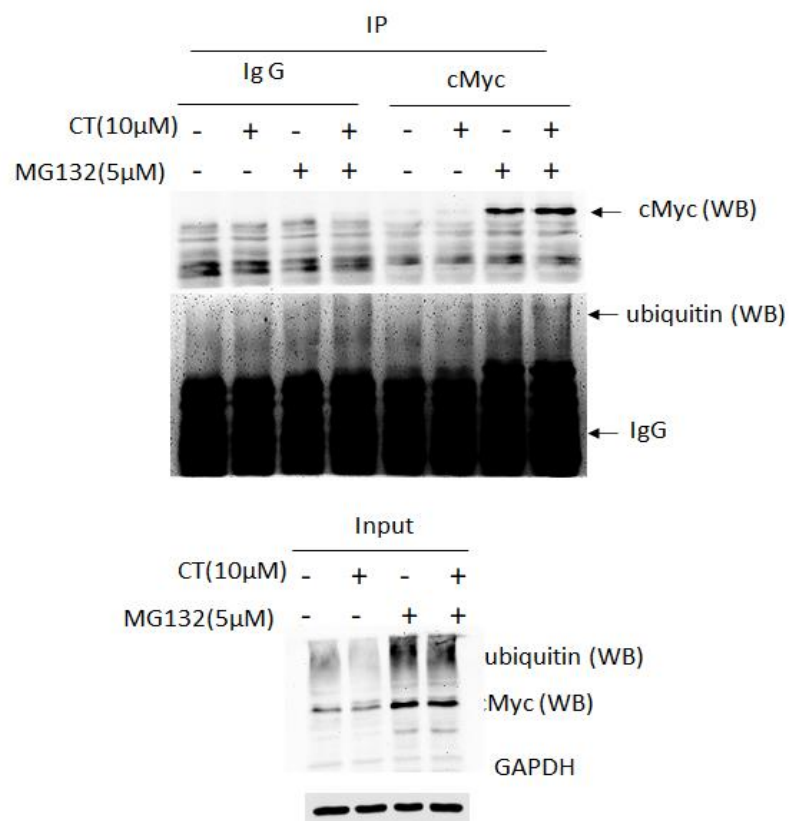


Figure S3. cMyc ubiquitination was detected by IP. OVCAR3 cells were treated with 10 μ M CT and 5 μ M MG132 and vehicle for 6h and then performed IP using cMyc antibody. The protein complex was detected by western blot (WB) using ubiquitin antibody.