

Figure S1. Cell Counting Kit-8 assays in L929 cells, B16F10 cells and A375 cells. Cells were cultured in 5% fetal bovine serum DMEM medium and treated with dioscin (0, 1, 2, 4 and 8 μM) for 48 h. Data are presented as mean \pm standard deviation of three independent experiments. ** $P < 0.01$ vs. L929 group. FBS.

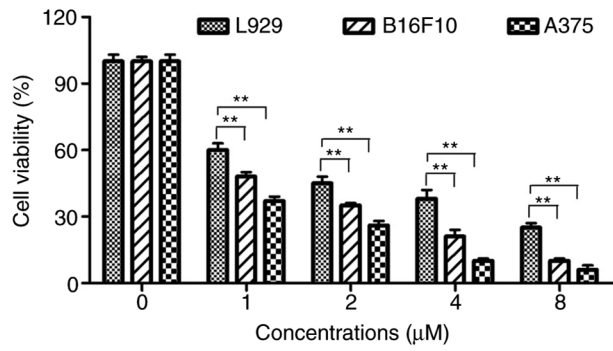


Figure S2. Cell Counting Kit-8 assays in B16F10 cells and A375 cells. Cells were cultured in 5% fetal bovine serum DMEM medium and treated with dioscin (0.00, 0.25 and 0.50 μM) for 12 h. Data are presented as mean \pm standard deviation of three independent experiments.

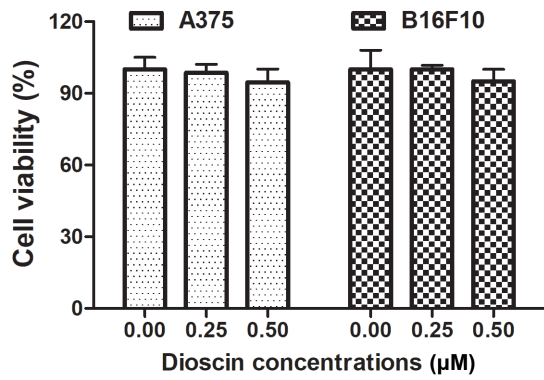


Figure S3. Dioscin lowers the ratios of p-Src/Src and p-STAT3/STAT3 in melanoma cells. Based on the results of western blot analyses in Fig. 4, the ratios of p-Src/Src and p-STAT3/STAT3 were calculated. (A) The ratios of p-Src/Src and p-STAT3/STAT3 in A375 cells. (B) The ratios of p-Src/Src and p-STAT3/STAT3 in B16F10 cells. Results for 12-, 24- and 48-h treatments were shown in the upper, middle and lower panels, respectively. The relative protein level of the control group was regarded as 1. Data are presented as the mean \pm standard deviation of three independent experiments. * P <0.05; ** P <0.01 vs. control. STAT3, signal transducer and activator of transcription 3. FBS, fetal bovine serum; p-, phosphorylated.

