Supporting Information

Ligustilide Suppresses the Biological Properties of Danggui Buxue Tang: A Chinese Herbal Decoction Composed of Radix Astragali and Radix Angelica sinensis

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Supplementary Fig.1S Comparison of DBT-induced cell proliferation between MTT assay and cell counting

Cultured MG-63 cells were seeded onto a 96-well plate, or a 6-well plate, and then treated with different concentration of DBT for 48 hours. The cell proliferation was determined by MTT colorimetric assay (in 96-well plate) and cell counting method (in 6-well plate). The latter one was performed by trypsinization and then trypan blue staining before the counting of viable cells. Data are expressed as % of increase in means ± SEM, where n=5, each with triplicate samples.
Supplementary information
(Zheng et al. 2009)

Supplementary Fig. 2S: DBT and ligustilide cannot induce the cleavage of caspase-3 in MG-63 and MCF-7

MG-63 or MCF-7 cells were treated with different drugs for 48 hours, and then which were collected for Western blot analysis. Apoptosis was investigated by checking the cleavage of caspase-3 (at ~17 kDa). Results showed that ligustilide (35 μg/mL) or DBT (1 mg/mL) alone could not activate the cleavage of caspase-3. The same results were also observed in the co-treatment of DBT (1 mg/mL) and ligustilide (3.5 μg/mL in left lane and 35 μg/mL in right lane). Treatment of staurosporin (10 μM; Sigma) for 3 hours served as a positive control. Representative gel photo were shown. N=4.

Supplementary Figure 2S
Zheng et al 2009