



Fig. S1 Matrine did not influence mRNA expressions of PTEN, p53, Akt, or MDM2 in K562/ADR cells. K562 cells and K562/ADR cells with 0, 100, 200, or 300 μmol/L matrine were cultured for 48 h. Total RNA was extracted and synthesized into cDNA for quantitative real-time PCR analysis. Ct values were obtained, and the relative expression of mRNA was quantified using $2^{-\Delta\Delta C_t}$ assay. All the data were expressed as mean \pm SD of three independent experiments (***) ($P < 0.001$).