Ginsenoside Rk1 regulates glutamine metabolism in hepatocellular carcinoma through inhibition of the ERK/c-Myc pathway

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Figure S1. Cell viability was determined using MTT assay in L02 cells.
Figure S2. Hoechst 33,342 staining was used to detect apoptosis in HepG2 and LM3 cells.
**Figure S3.** Immunohistochemical staining analyzed the expression levels of cycle-related proteins in tumor tissue.
Figure S4. HepG2 and LM3 cells were transfected with siRNA against GLS1 and then treated with Rk1 (100 μM) for 24 h. A. Cell viability was determined by MTT. B. The levels of GLS1, cleaved caspase-3, cleaved caspase-9 and cleaved PARP proteins were determined by Western blot analysis. β-actin was used as an endogenous reference. Histograms of the relative expression levels of the corresponding proteins were statistically analyzed. All data are presented as means ± SD from at least three independent experiments. *p < 0.05, **p < 0.01, ***p < 0.001 compared with control.