**Fig. S1** Knock-down of RRM2 inhibits the migration of glioma cells. A and B Wound-healing assays with shNC (negative control), RRM2-shRNA#1 (shRRM2#1), and RRM2-shRNA#2 (shRRM2#2) transfected LN-229. Migration of the cells to the wound was observed at 0, 12, and 24 h with a microscope from Carl Zeiss (Axio Observer A1; ×200 magnification). Data shown are mean ± SD of three independent experiments, # P< 0.001, versus shNC (negative control). C and D Knock-down of RRM2 inhibited the migration ability of LN-229 cells by trans-well assays; data shown are mean ± SD, # P< 0.001, versus shNC.

**Fig. S2** Suppression of RRM2 induces apoptosis of LN229 cells. A and B Apoptosis of glioma cells was determined by flow cytometry in shRRM2#1 and shRRM2#2 transfected LN229 cells; data expressed as mean ± SD of three independent experiments, # P<0.001, versus shNC. C and D Markers of apoptosis were detected by Western blot in LN229 cells; data expressed as mean ± SD of three independent experiments, # P< 0.001, versus shNC.