

Figure S2. LPA-induced B4G12 cell proliferation is mediated by PI3K and ROCK pathway.

The effects of ROCK and PI3K phosphatase inhibitors on cell cycle mediators were measured by Western blotting. Post-confluent Day 4 B4G12 cells was serum-starved for 24 hours, followed by pretreatment with LY294002 (PI3K inhibitor, 20 μ M), PD98059 (ERK1/2 inhibitor, 20 μ M), SB203580 (p38 inhibitor, 20 μ M) or Y27632 (ROCK inhibitor, 20 μ M) for 2 hours and was then treated with LPA for 4 hours. The cell cycle mediators (including cyclin D1, p27^{KIP1} and p21^{CIP1}) were blotted using the total cell lysates, and GAPDH was blotted as a loading control.

