



**Supplemental Figure 2.** 30 days post scratch there is no residual MKI67 expression, but persistent large cell area in ROCK2 inhibited cells. (A) Immunocytochemistry of MKI67 (marker of proliferation KI67, green), phalloidin (F-actin, red) and Hoescht (DNA, blue). Arrows indicate large cells. Scale bar = 100 $\mu\text{M}$ . (B) Quantification of MKI67 florescent intensity. (C) Determination of cell area 30 days post scratch. \*\* $p \leq 0.01$  to control. Error bars represent  $\pm$  SEM.  $n = 3$ .