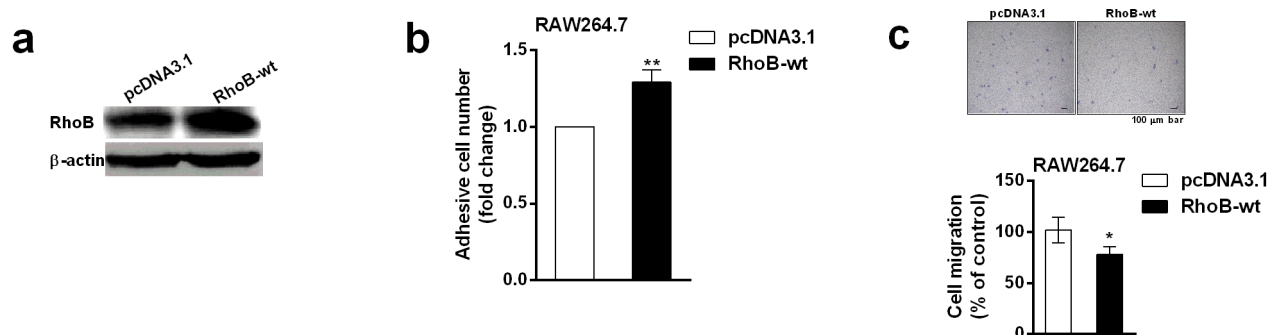


Supplementary Figure S1 Effect of RhoB knockdown on proinflammatory cytokine induction by hypoxia in primary peritoneal macrophages. Primary peritoneal macrophages were infected by the indicated adenoviruses (MOI 1:100). After transfection for 36 h, cells were incubated in hypoxia (1% O₂) or normoxia for another 12 h. Knockdown of RhoB expression was monitored at mRNA level (**a**), and the mRNA levels of IL-1 β (**b**), IL-6 (**c**), and TNF- α (**d**) were assessed by qRT-PCR. β -actin was used as a normalization control for qRT-PCR. The values were expressed as fold over normoxic Ad-control and mean of three independent experiments. Each bar represents mean \pm SD. * P < 0.05, ** P < 0.01 versus normoxic Ad-control, # P < 0.05, ## P < 0.01 versus hypoxic Ad-control.



Supplementary Figure S2 Effect of RhoB overexpression on cell adhesion and migration under normoxic condition in RAW264.7 cells. **(a)** Effect of RhoB-wt overexpression in RAW264.7 cells was confirmed by western blot after transfection with 4.0 μg indicated plasmids for 36 h. **(b)** After transient transfection for 36 h, cell adhesion assay was performed as described in the section “Material and Methods.” **(c)** After transient transfection for 36 h, 8×10^4 cells were seeded into the upper transwell chambers and incubated in normoxia for another 20 h. Graph shown (upper) were representative images (100× magnification) of three independent experiments. Scale bar, 100 μm. The values were expressed as fold over control and mean of three independent experiments. Each bar represents mean \pm SD. * $P < 0.05$, ** $P < 0.01$ versus control plasmid.