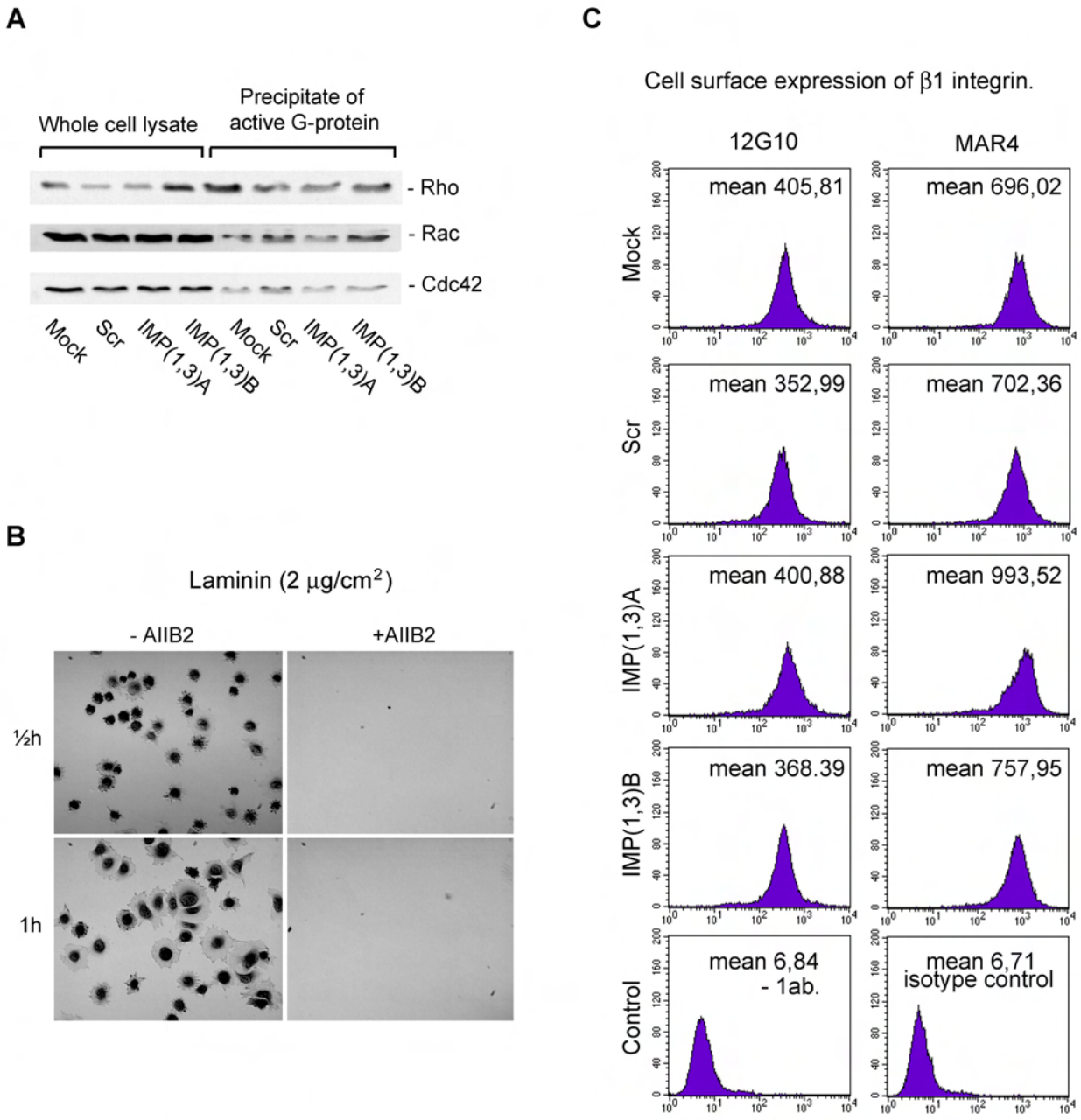

Figure S2 Rho, Rac and Cdc42 activation and integrin levels in IMP depleted cells. (A) HeLa cells were mock treated or transfected with Scr, IMP(1,3)A or IMP(1,3)B siRNA. Seventy-two hours after transfection the GTP-bound form of Rho, Rac and Cdc42 were affinity-precipitated with Rhotekin Rho binding domain (Rho) and the p21-binding domain of human PAK-1 (Rac and Cdc42), respectively. Western blot analysis was performed on whole cells lysate and affinity-precipitated extracts using anti-Rho, anti-Rac and anti-Cdc42 antibodies. (B) HeLa cells were incubated with or without the function-blocking monoclonal antibody to β1 integrin (AIIB2) prior to seeding on a laminin-1 coated surface. The cells were fixed after 0.5 and 1 hour and stained with crystal violet. (C) Cell surface expression of activated and total β1 integrin was examined in IMP depleted cells. Seventy-two hours after transfection with Scr, IMP(1,3)A or IMP(1,3)B siRNA, cells were detached and incubated with the β1integrin 12G10 (recognizing the activated form of β1 integrin) and MAR4 (recognizing total β1 integrin) antibodies. A mouse isotype control was included as a negative control. The primary antibodies were visualized by FITC-conjugated anti-mouse antibody and examined by flow cytometry.