Figure S1. E-cadherin mRNA level did not change by knockdown of P-cadherin. E-cadherin(CDH1) and P-cadherin(CDH3) mRNA analysis was performed by real-time RT-PCR. Mock controls were simultaneously treated with Lipofectamine alone (LF control). Relative expression levels of target genes were normalized to β-actin expression.

Figure S2. P-cadherin siRNA did not affect the cell growth on SNU601 cells. The number of cells was counted after treatment of siRNA on SNU601, P-cadherin negative cells.

Figure S3. Generation of stable cells expressing P-cadherin. Validation of the P-cadherin stable cells by western blots.

Figure S4. Comparison of viability between stable cells. We assessed the effect of P-cadherin over-expression on survival of SNU484 stable cells using MTT assay. When we observed at 72hr after seeding, P-cadherin over-expression did not induce cell proliferation in SNU484 cells.

Figure S5. PF-03732010 block cell migration in P-cadherin stable cells. Motility of P-cadherin stable cells was measured at 48 hr and 72 hr after treatment with 100 μg/ml PF-03732010 (PF_100) in a wound-healing migration assay.