## Supplemental Figures

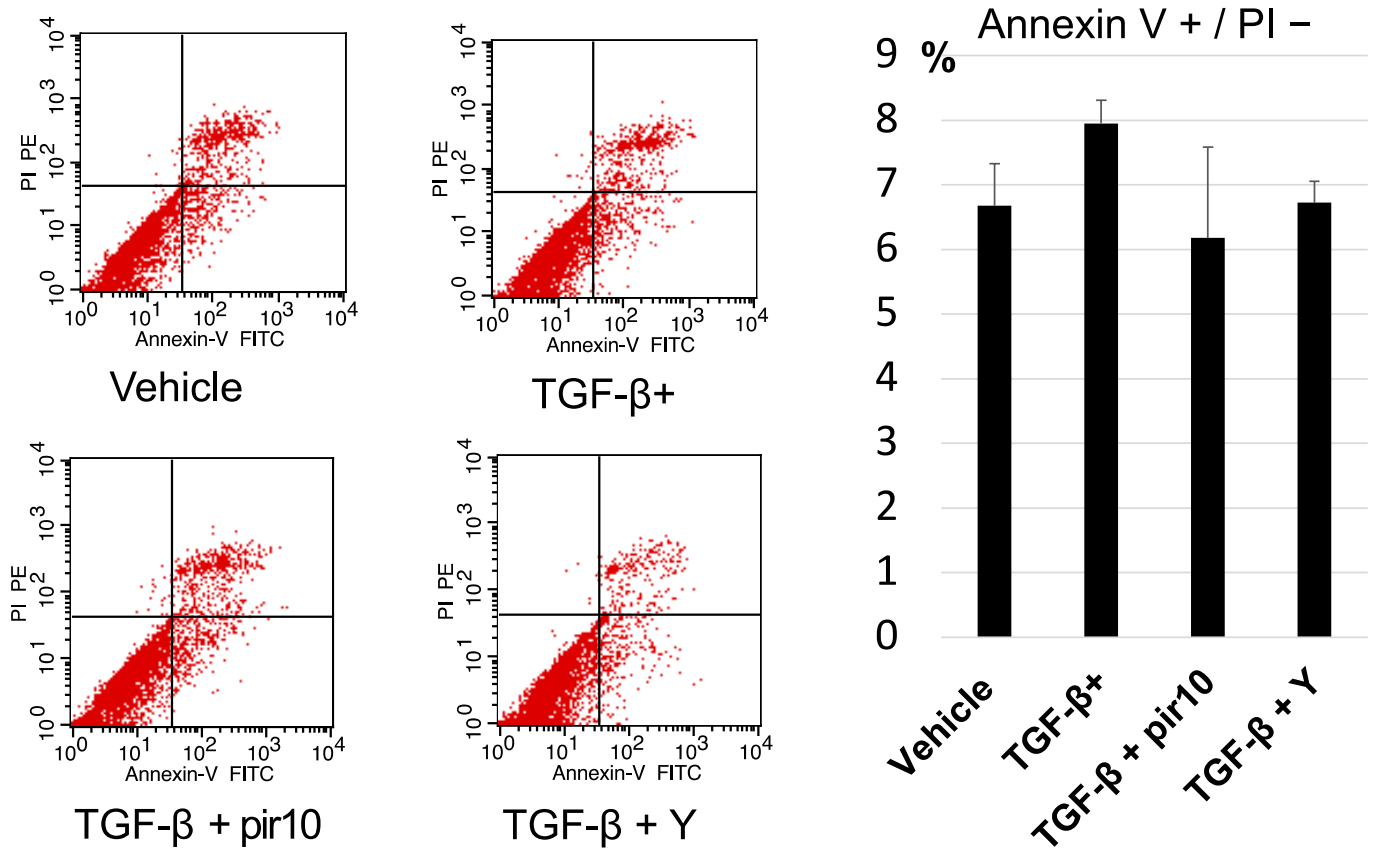


**Figure S1. Measurement of apoptosis in co-culture model.**

Co-cultured cells were stimulated overnight with TGF-β (1.0 ng/mL), pirfenidone (10.0 mM), and Y27632 (10.0 μM). Annexin V + / PI − cells were measured as an apoptosis cell by flow cytometry. Data shown are mean values ± SEM (n = 3).

FITC, fluorescein isothiocyanate; PI, propidium iodide; PE, phycoerythrin; pir10, pirfenidone 10 mM; TGF-β, transforming growth factor β; TGF-β+, transforming growth factor β stimulation; Y, Y27632 (Rho-kinase inhibitor).

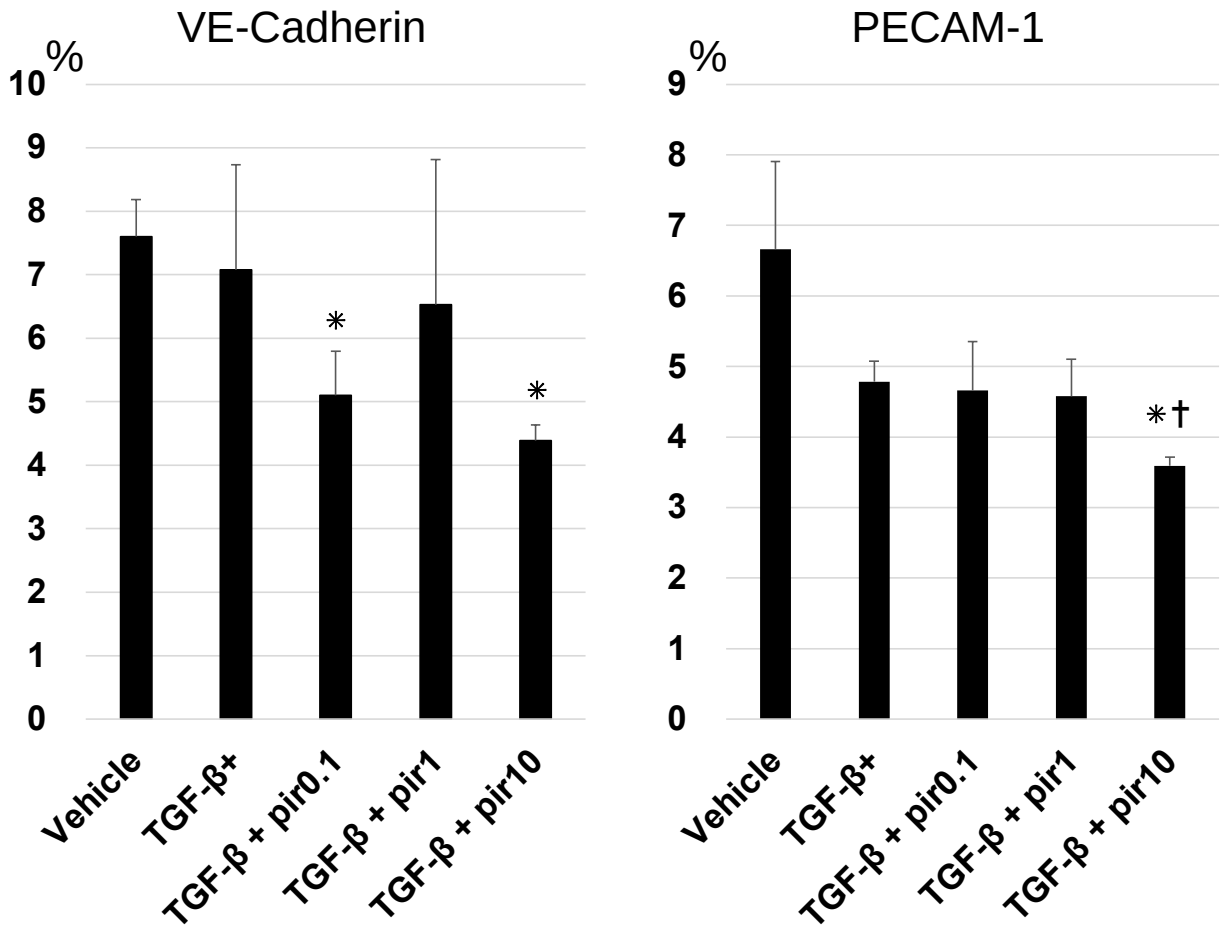


**Figure S2. Evaluation of VE-cadherin or PECAM-1 positive cell percentage during TGF-β stimulation and pirfenidone administration.**

Percentages of PECAM-1-FITC or VE-cadherin–APC positive cells to total cells in cell sheets were measured after stimulation for 24 hours with TGF-β (1.0 ng/mL) and pirfenidone (0.1-10.0 mM). Data shown are mean values ± SEM (n = 6). *; versus Vehicle ($p < .05$), †; versus TGF-β +($p < .05$). APC, allophycocyanin; VE, vascular endothelial; FITC, fluorescein isothiocyanate; PECAM-1, platelet endothelial cell adhesion molecule-1; pir0.1, pirfenidone 0.1 mM; pir1, pirfenidone 1.0 mM; pir10, pirfenidone 10.0 mM; TGF-β, transforming growth factor β; TGF-β+, transforming growth factor β stimulation.