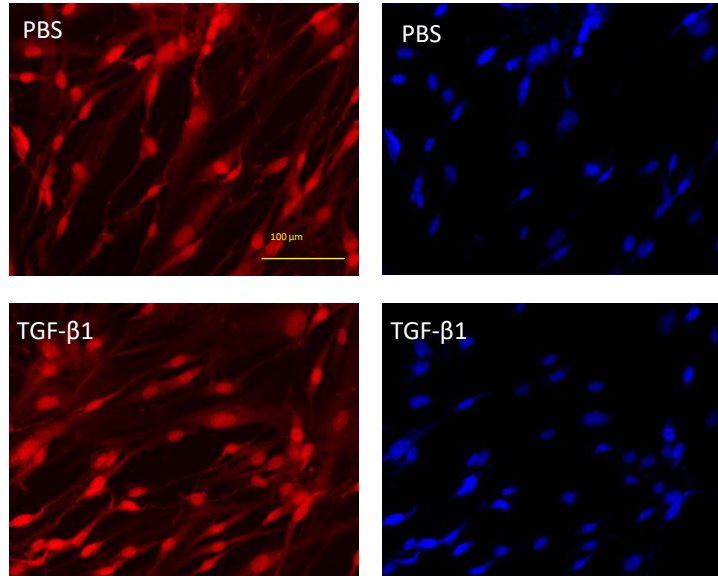


Red: SIRT1; Blue: DAPI



Supplementary Figure S1

Human fibroblast cells were treated with PBS or TGF- β 1 for 2 hours. Cells were washed with PBS for 2 times and fixed with 3.7% formaldehyde at room temperature for 10 min and permeabilized with 0.1% Triton X-100. Cells were incubated with SIRT1 antibody (1:100 in 2% BSA/PBS) at room temperature for 1 h followed by Alex Fluor-568 secondary antibody incubation. Cell nucleus was stained with DAPI in mounting media. Cells were visualized with 40x confocal microscope. SIRT1 was observed primarily in the nucleus in both PBS- and TGF- β 1-treated cells.