

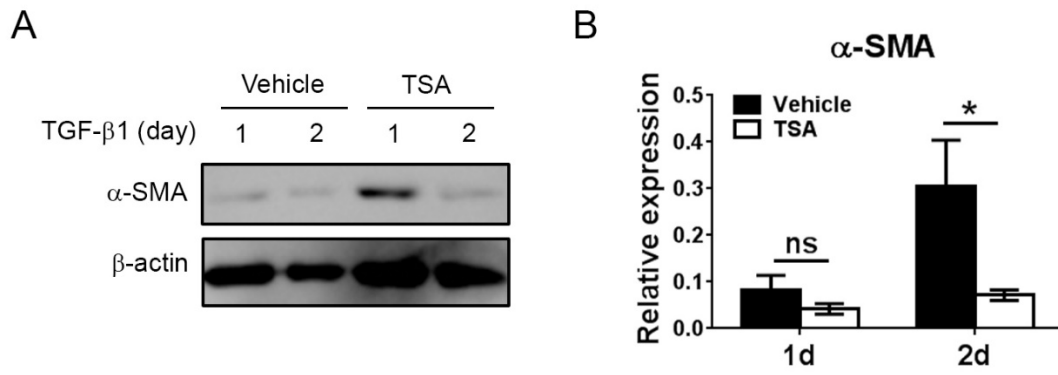
Supplemental Information

Trichostatin A alleviates renal interstitial fibrosis through modulation of M2 macrophage subpopulation

Supplemental materials and methods

Cell culture and treatment

Normal rat renal tubular NRK-49F cells (Bioresource Collection and Research Center) were cultured in the low-glucose Dulbecco's Modified Eagle Medium (10-014-CV, Corning Inc.) supplemented with 5% fetal bovine serum (Gibco). To determine the effect of trichostatin A on the activation of renal fibroblasts, NRK-49F cells were stimulated with transforming growth factor- β 1 (5 ng/mL, PeproTech) for 1 and 2 days in the presence or absence of trichostatin A (500 nM, Sigma-Aldrich).



Supplemental Figure 1. The effect of trichostatin A (TSA) on the activation of renal fibroblasts. (A) Western blots of α -smooth muscle actin (α -SMA) expression in transforming growth factor- β 1 (TGF- β 1, 5 ng/mL)-stimulated renal NRK-49F fibroblasts at the indicated time. β -actin served as the loading control. (B) Quantification of the α -SMA expression, * p < 0.05 by the unpaired Student's t test. ns, non-significance. n = 3 for each group.