

Figure S1. Heparin itself does not affect the expression of the myofibroblast markers α -SMA and $\text{coll}\alpha 1$ in fibroblast-like synoviocytes. Cells were starved and then cultured with heparin (15 $\mu\text{g}/\text{ml}$) alone for 24 h. The relative expression levels of the myofibroblast markers α -SMA and $\text{coll}\alpha 1$ were then evaluated using reverse transcription-quantitative PCR. Data represent the mean \pm SD (n=4). α -SMA, α -smooth muscle actin; $\text{coll}\alpha 1$, $\alpha 1$ chain of collagen type I.

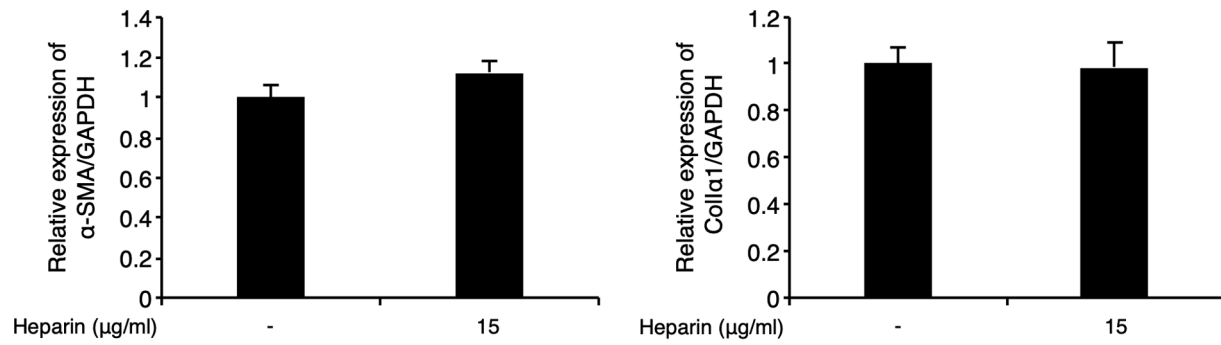


Figure S2. Neither the NF- κ B inhibitor BAY 11-7085 nor the IKK-2 inhibitor TPCA-1 abrogated the IL-1 β - and TNF- α -mediated suppression of the myofibroblast marker expression in fibroblast-like synoviocytes. Cells were starved and then cultured with IL-1 β (10 ng/ml) and TNF- α (10 ng/ml), with or without the NF- κ B inhibitor BAY 11-7085 or the IKK-2 inhibitor TPCA-1 for 24 h. The relative expression levels of the myofibroblast markers α -SMA and coll α 1 were then evaluated using reverse transcription-quantitative PCR. Data are presented as the mean \pm SD (n=4). *P<0.01. α -smooth muscle actin; coll α 1, α 1 chain of collagen type I; IL, interleukin; TNF- α , tumor necrosis factor α .

