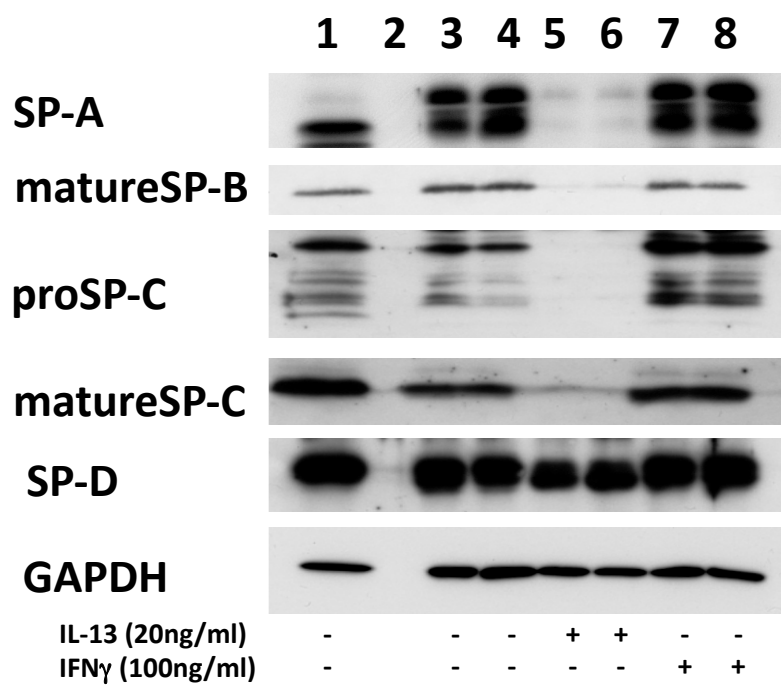
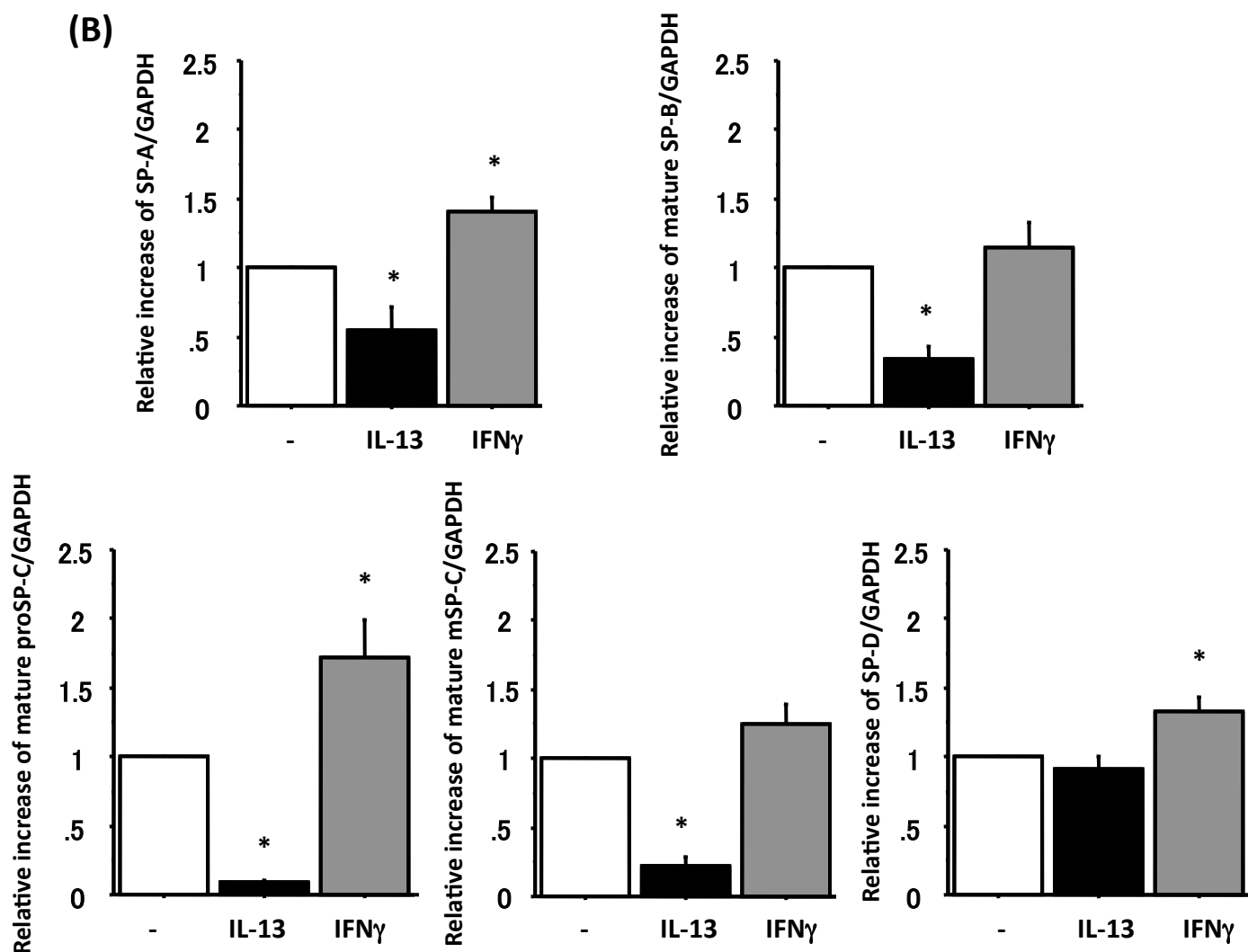


(A)



(B)



Additional File 3. IL-13 and IFN- γ alter surfactant protein expression in adult rat A₁ cells.

Panel A shows representative immunoblot from adult rat A₁ cells cultured on Matrigel and rat-tail collagen coated inserts in DMEM containing 5% RS and 10 ng/ml KGF(K) with 20 ng/ml IL-13 (black) for 4 d or with 100 ng/ml IFN- γ (gray) for 4 d. Lane 1: day 0 control (freshly isolated A₁ cells), Lane 2: empty lane, Lane 3-4: 6 d 10ng/ml KGF, Lane 5-6: 6 d 10ng/ml KGF with 4 d 20ng/ml IL-13, Lane 7-8: 6 d 10ng/ml KGF with 4 d 100ng/ml IFN γ . Panel B shows surfactant protein levels in adult rat A₁ cells from immunoblotting data normalized by GAPDH (n=3), which are analyzed by NIH Image. Representative data are shown in Panel A. White bar: without IL-13 and IFN- γ , black bar: with 20 ng/ml IL-13 for 4 d, grey bar: with 100ng/ml IFN- γ for 4 d. *: p<0.05 v.s without IL-13 and IFN- γ .