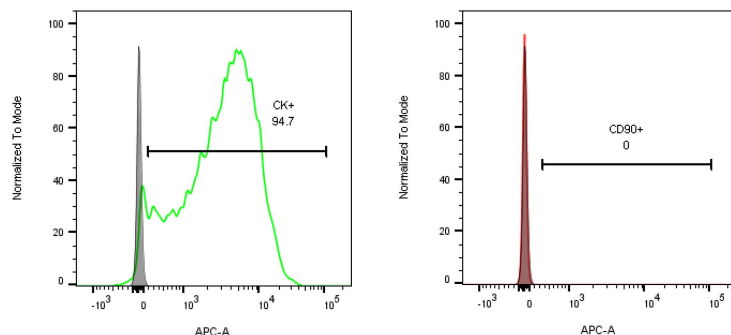


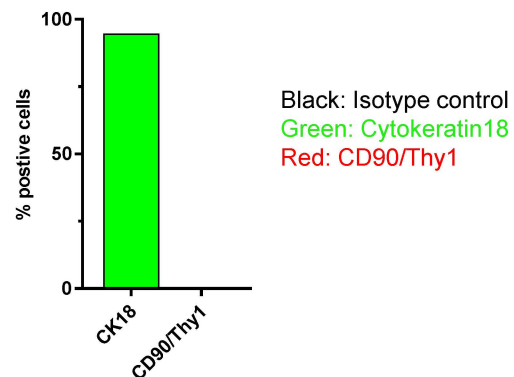
Figure S1. Phenotypic characterization of human primary renal proximal tubular epithelial cells and human renal fibroblasts.

A.

Epithelial cells

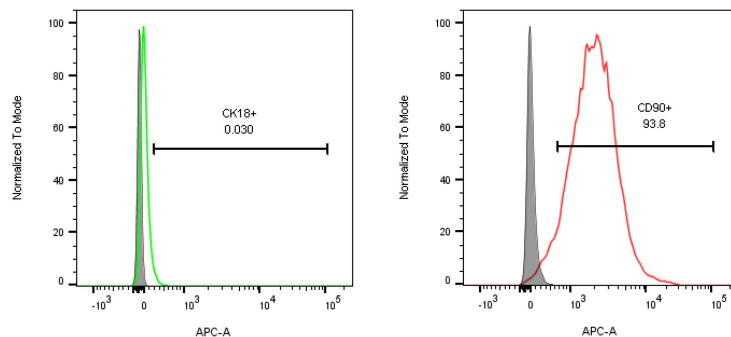


CK18 and CD90/Thy1 expression



B.

Fibroblasts



CK18 and CD90/Thy1 expression

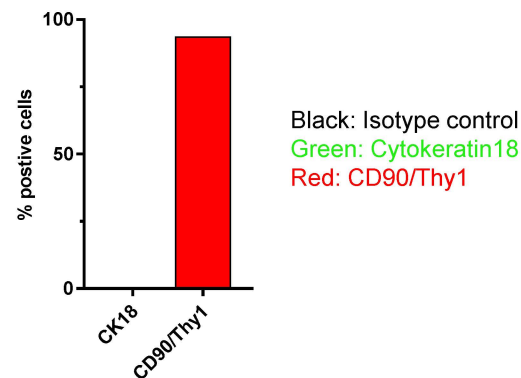


Figure S2. A high-content imaging in vitro cell assay for the measurement of ECM accumulation in a co-culture of human renal epithelial cells and fibroblasts.

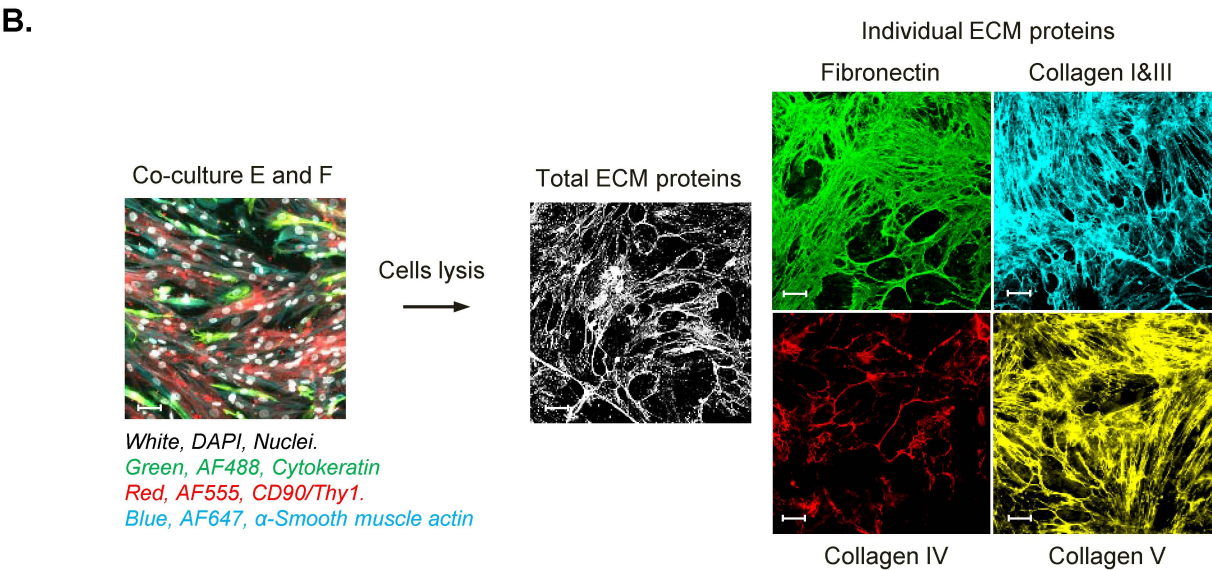
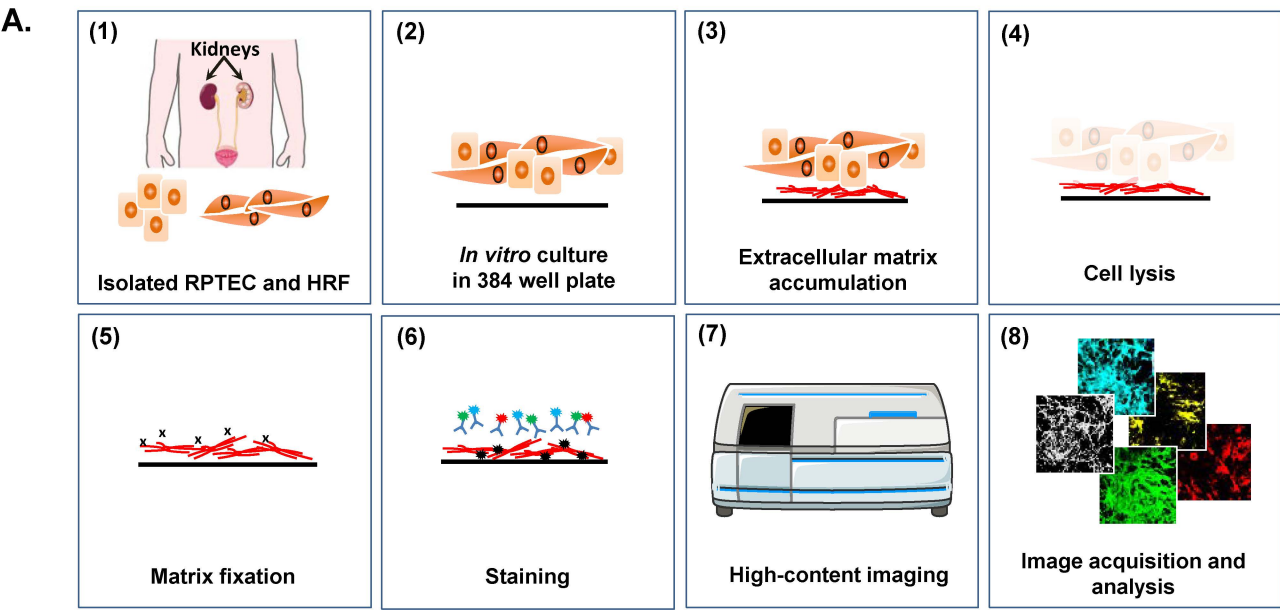


Figure S3. Fluorescent labelling of epithelial cells and fibroblasts.

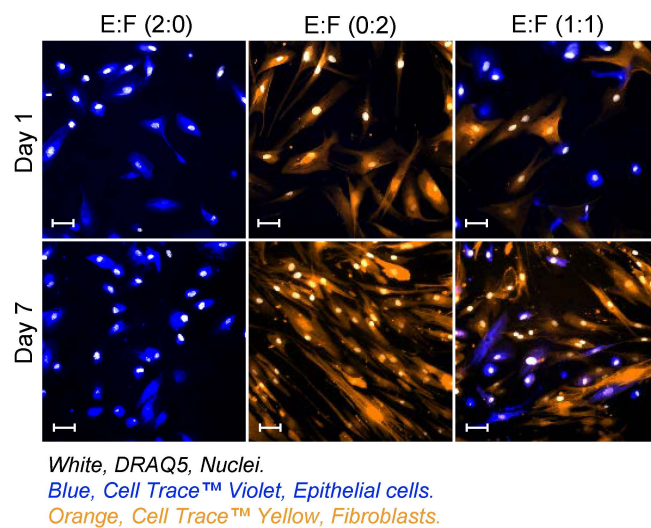
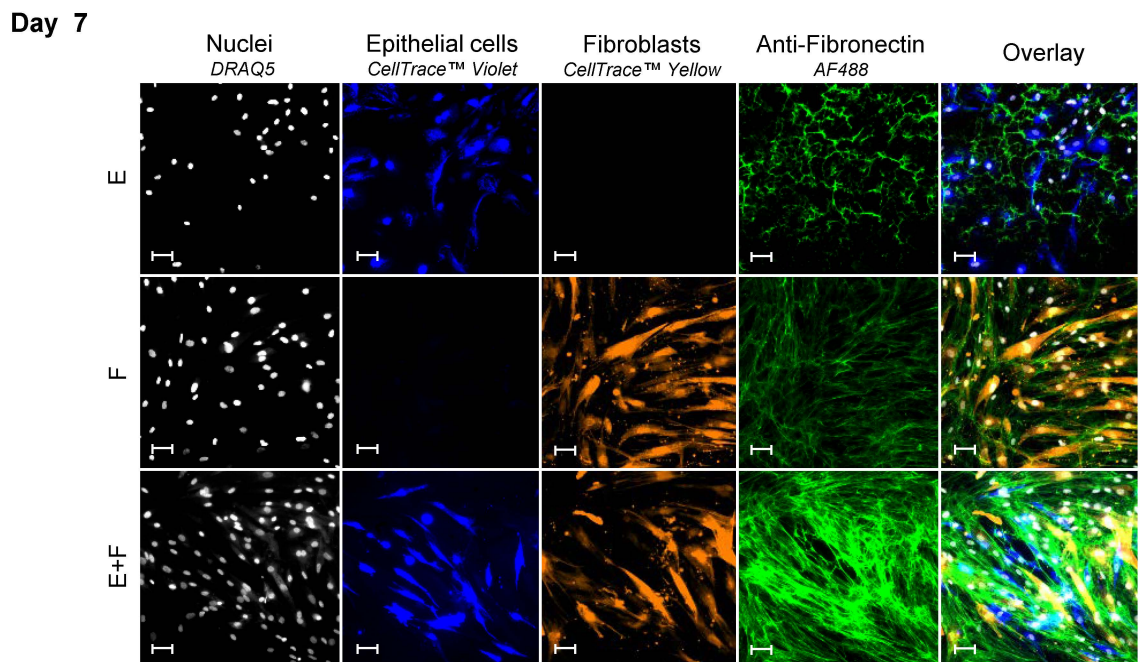
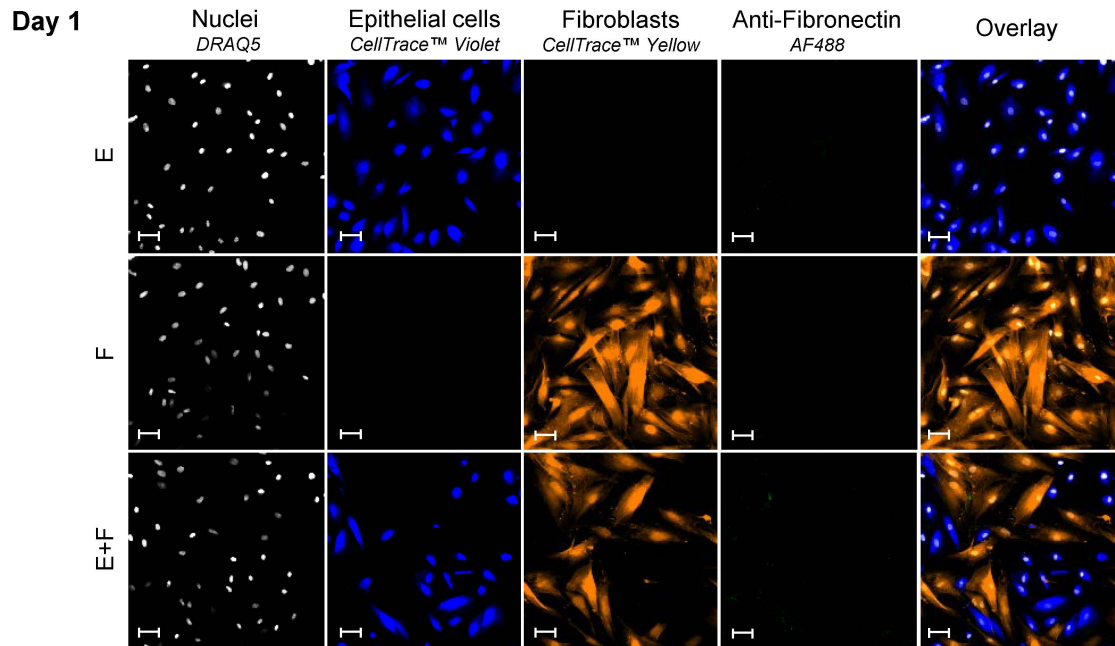


Figure S4. Both epithelial cells and fibroblasts contribute to extracellular matrix production.



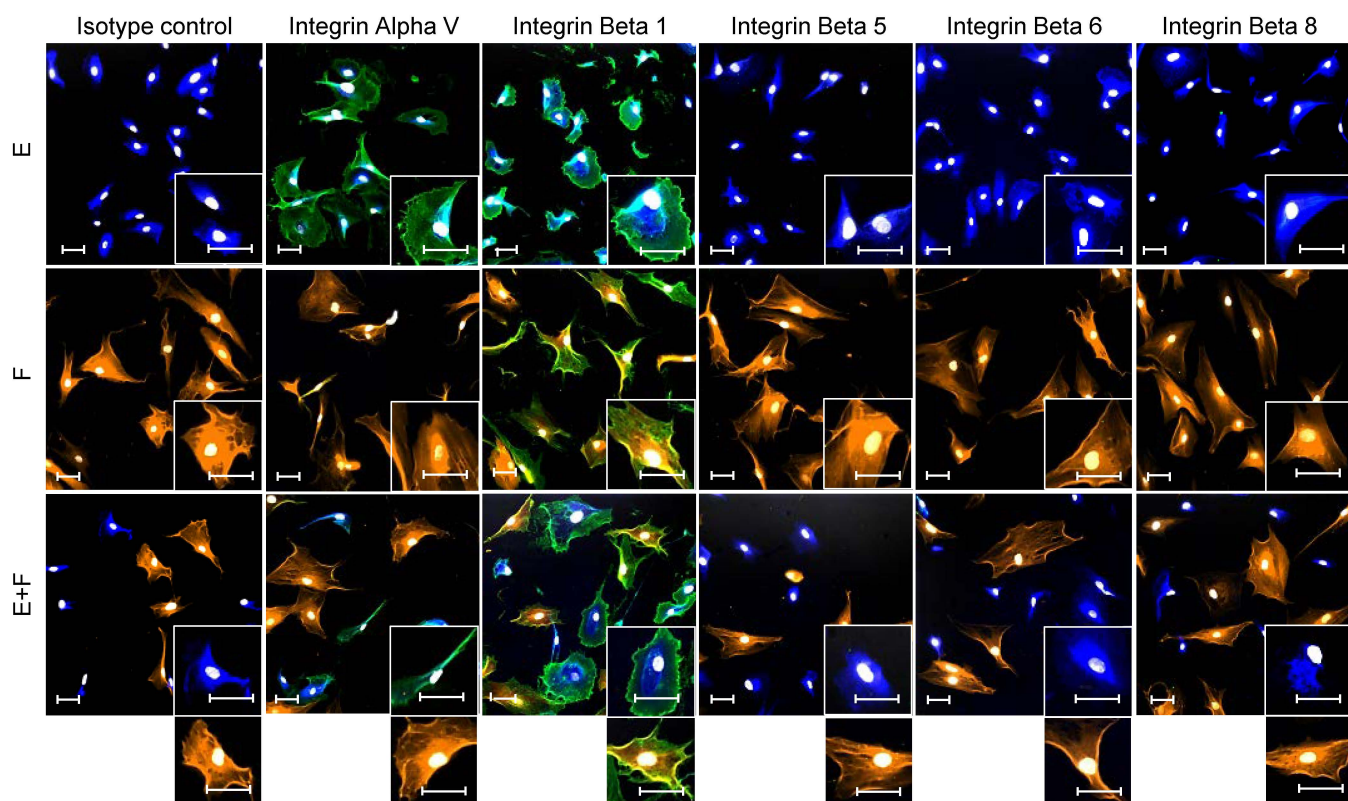
White, *DRAQ5*, Nuclei.

Blue, *Cell Trace™ Violet*, Epithelial cells.

Orange, *Cell Trace™ Yellow*, Fibroblasts.

Green, *AF488*, Fibronectin.

Figure S5. Multiple integrins are expressed in all mono- and co-culture cell systems.



White, DRAQ5, Nuclei.

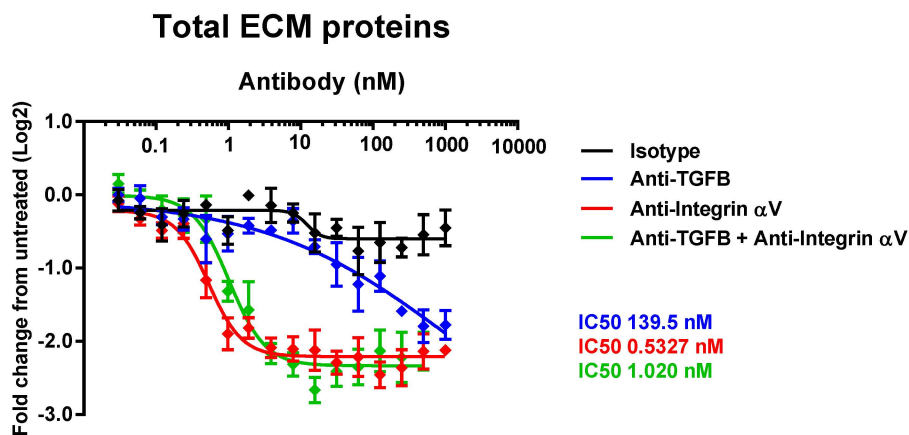
Blue, Cell Trace™ Violet, Epithelial cells.

Orange, Cell Trace™ Yellow, Fibroblasts.

Green, AF488, Anti-integrin antibody.

Figure S6. The pan TGF- β antibody and the integrin Alpha V antibody do not act synergistically.

A.



B

