Supplementary Information

for

Micropassage-embedding Composite Hydrogel Fibers Enable

Quantitative Evaluation of Cancer Cell Invasion under 3D Coculture

Conditions

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Figure S1 NIH-3T3 cells encapsulated in the core of the micropassage-embedding composite hydrogel microfiber and reached the outer surface of the fiber at Day 7. NIH-3T3 cells adhered and spread on the fiber surface.



Figure S2 Effects of (a) ROCK inhibitor (fasudil) and (b) TGF- β on the invasion behaviors of A549 cells. Micropassage-embedding composite fibers, encapsulating only A549 cells, were employed. Invasion indices at Day 5 were investigated. Each data shows the mean ± SD from 8 individual samples. *p < 0.05, **p < 0.01.