Supplementary Information

for

Micropassage-embedding Composite Hydrogel Fibers Enable Quantitative Evaluation of Cancer Cell Invasion under 3D Coculture Conditions

Manami Sugimoto, Yoichi Kitagawa, Masumi Yamada,* Yuya Yajima, Rie Utoh, and Minoru Seki

Department of Applied Chemistry and Biotechnology, Graduate School of Engineering,

Chiba University, 1-33 Yayoi-cho, Inage-ku, Chiba 263-8522, Japan

*m-yamada@faculty.chiba-u.jp
**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.