

Supplementary Information

Label-free enrichment of rare unconventional circulating neoplastic cells using a microfluidic dielectrophoretic sorting device

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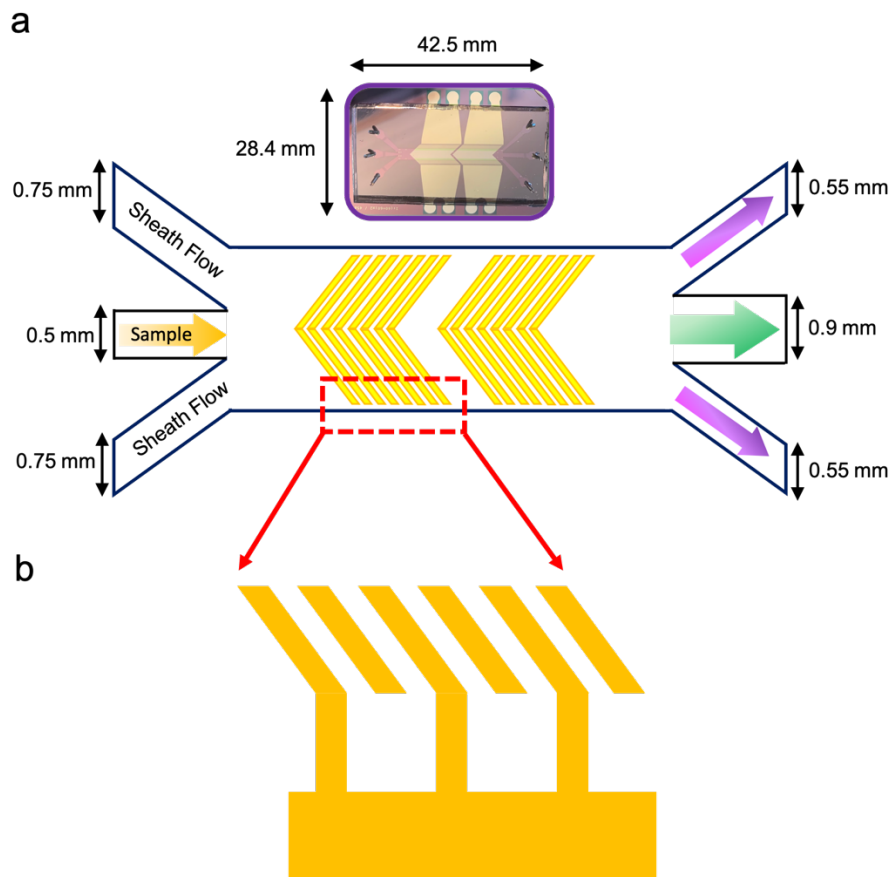
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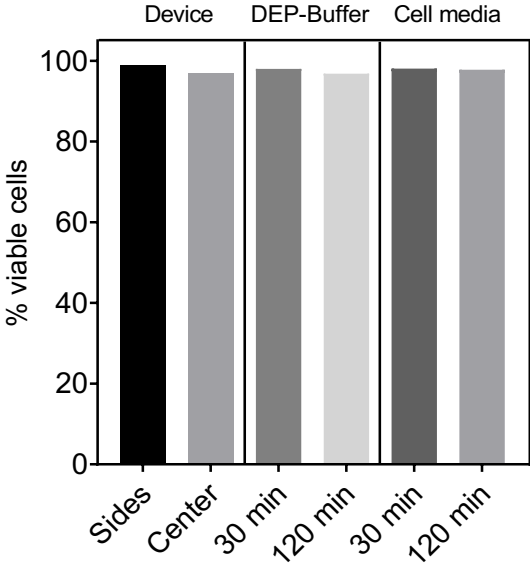
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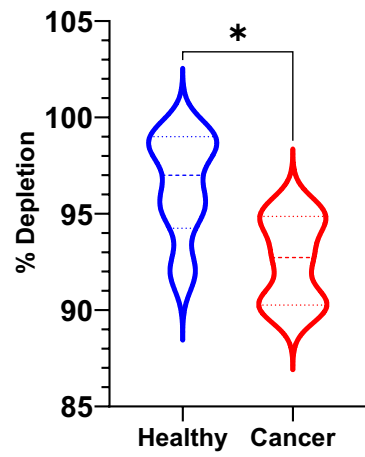
Supplementary Figure 1. (a) Schematic of the microfluidic dielectrophoretic sorting device and real image of the device (top). (b) Electrodes were designed interdigitatedly, half electrodes were connected to the bottom electrode pads, the other half were connected to the top electrode pads.

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Supplementary Figure 2. Cell viability over incubation time in various buffer conditions. DEP buffer shows high cells viability similar to standard cell culture media.

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Supplementary Figure 3. Depletion of PBMCs from healthy participants based on Flow cytometry analysis and depletion of PDAC patients PBMCs based on DNA quantification.