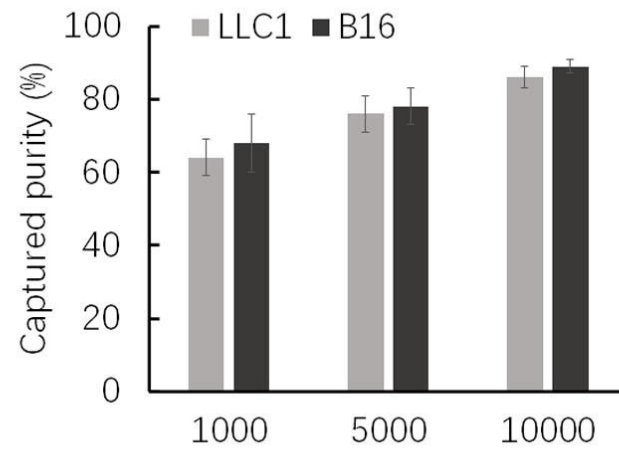
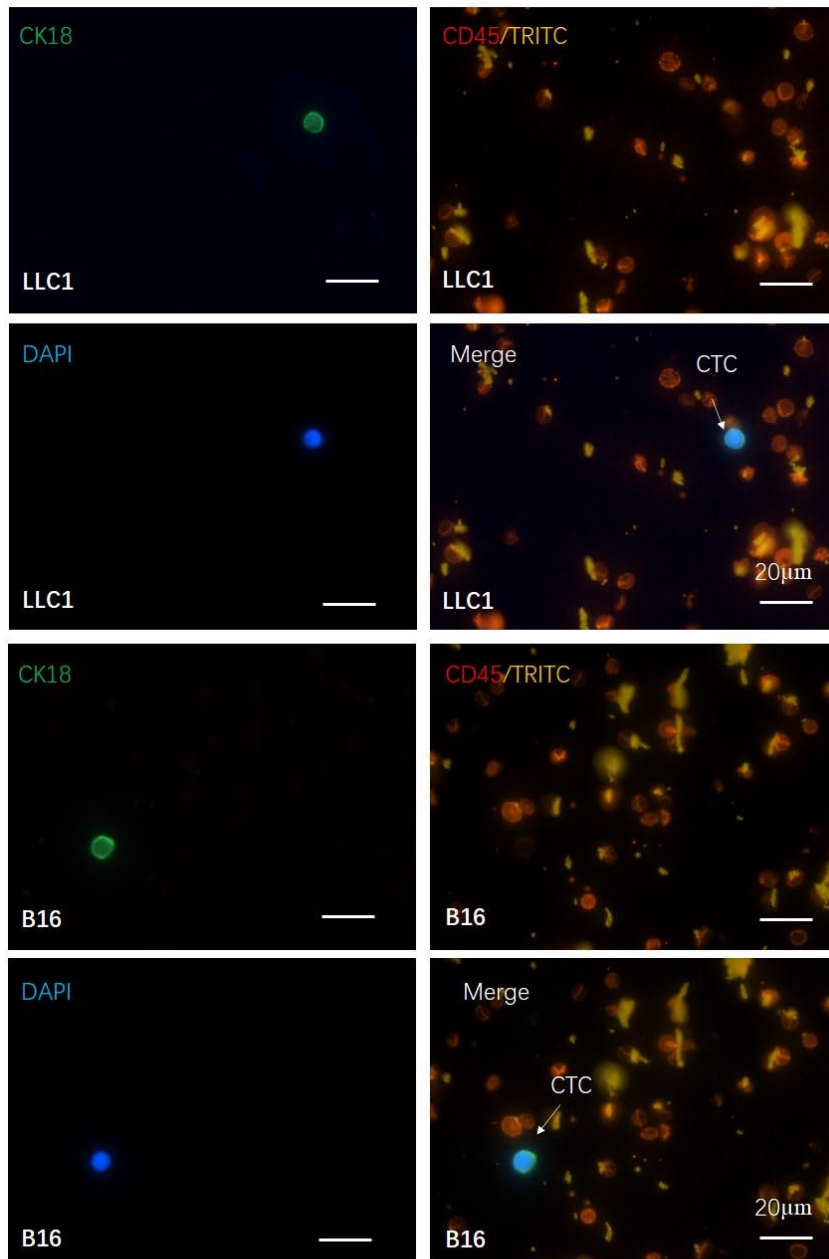


**Electrostatic reaction for the detection of circulating tumor cells as a potential  
diagnostic biomarker for metastasis in solid tumor**

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**A****B**

**Figure S1. The purity and representative image of CTCs captured from the whole blood samples.** (A) Capture purity (ratio of captured cancer cells to total captured cells) of cells mixed with 1 mL whole blood. (B) Fluorescent images of cancer cells isolated from the whole blood samples. Captured cells were then fixed, blocked, and stained for CK18 and CD45. Nuclei were highlighted with DAPI. TRITC was used to label the nanoparticles. The scale bar is 20  $\mu\text{m}$ .