

Figure S1. (a) Experimental trajectory of single RBC using interdigitated electrodes. The dark rectangles represent the electrodes; (b) comparison between the experimental actual path of RBC and the model result (Experiment: electrode width: ~60 μ m. electrode gap: ~60 μ m, channel width: ~80 μ m. channel height: ~30 μ m, flow rate: 5 μ L/hr, applied voltage and frequency: 10 V_{PP} @10KHz; Model: same operational and geometrical conditions as experiment, particle diameter: 5.6 μ m).