

Article

# Field-Portable Leukocyte Classification Device Based on Lens-Free Shadow Imaging Technique

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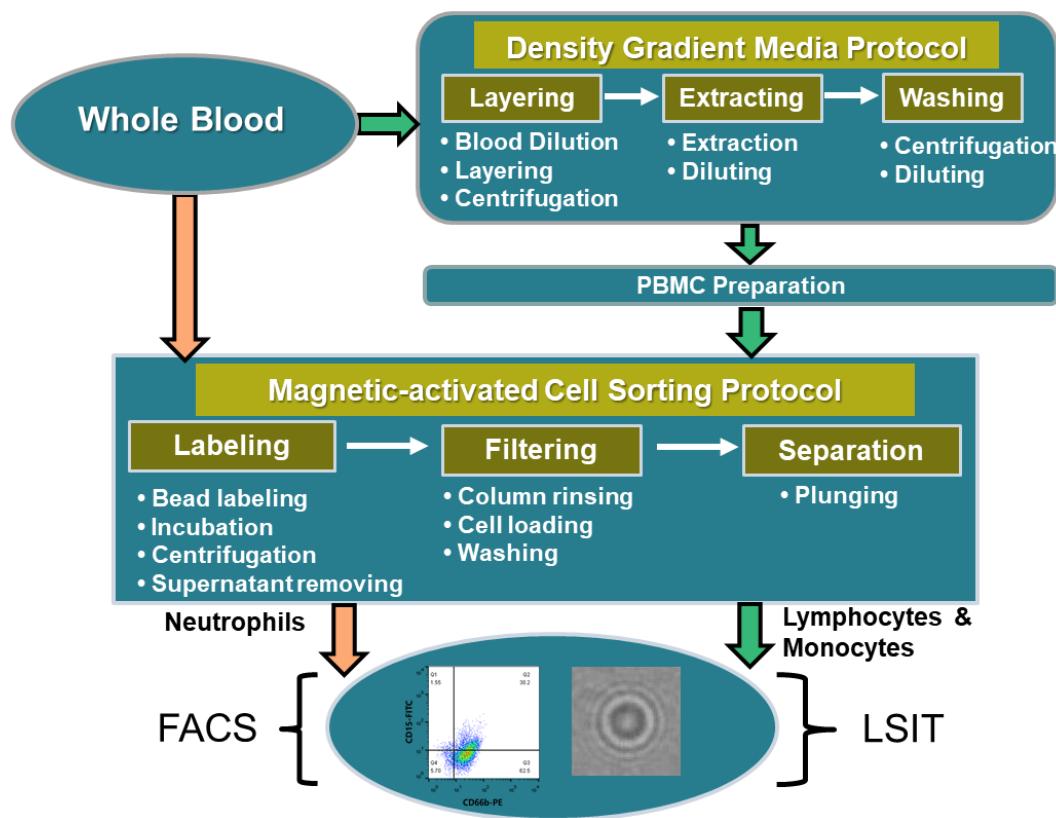
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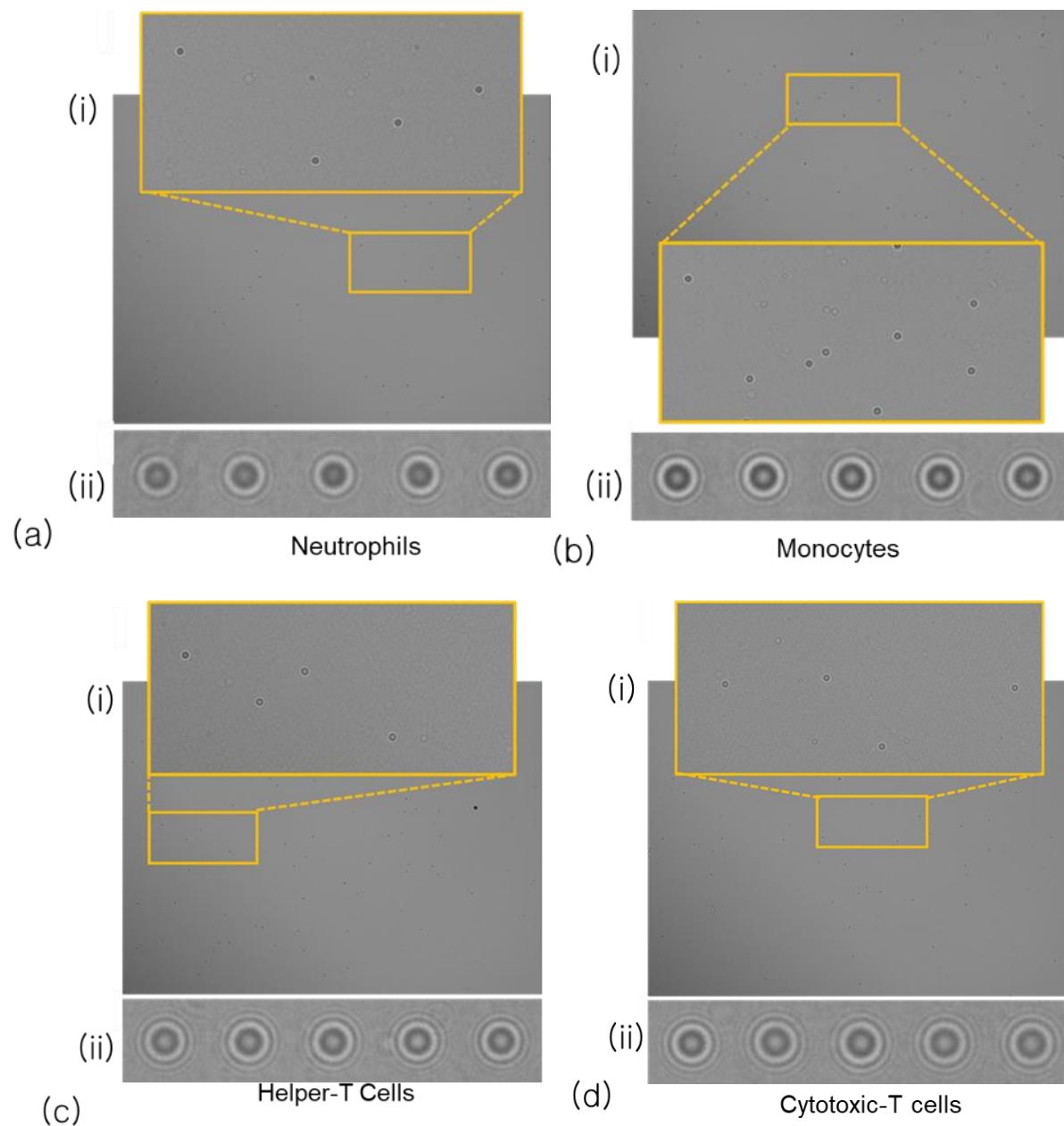
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**Figure S1.** Schematic of the developed protocol that combines magnetically activated cell sorting (MACS) and the differential density method to selectively isolate three types of leukocytes in blood and obtain samples with high purity and concentration.



**Figure S2.** Shadow images of (a) neutrophils separated using magnetic beads, (b) helper T cells, (c) cytotoxic T cells, and (d) monocytes separated using Ficoll solution and magnetic beads. (i) and (ii) are the actual and magnified (200%) shadow images, respectively.