

Single Cell Isolation by FACS sorting

1. Transfer cells from the CellSearch cartridge or other pre-enrichment step to a FACS tube by pipetting up and down 10 x to release the cells from the glass surface
2. Add 300 μ l CellSearch dilution buffer to the cartridge
3. Pipet up and down 10 x and transfer to the same tube.
4. Gate Hoechst positive, PE positive and CD45 negative cells as indicated in figure 1.
5. Gate Hoechst positive, PE negative and CD45 positive cells as indicated in figure 1.
6. Sort CTC into individual PCR tubes or wells of a PCR well plate
7. Sort WBC into individual PCR tubes or wells of a PCR well plate
8. Continue to Whole genome amplification

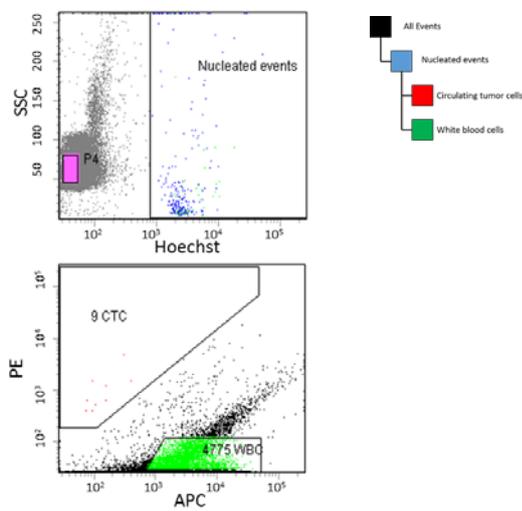


Figure 1. Flowcytometric analysis of CellSearch-enriched CTC. Nucleated PE positive events can be sorted into individual PCR tubes.