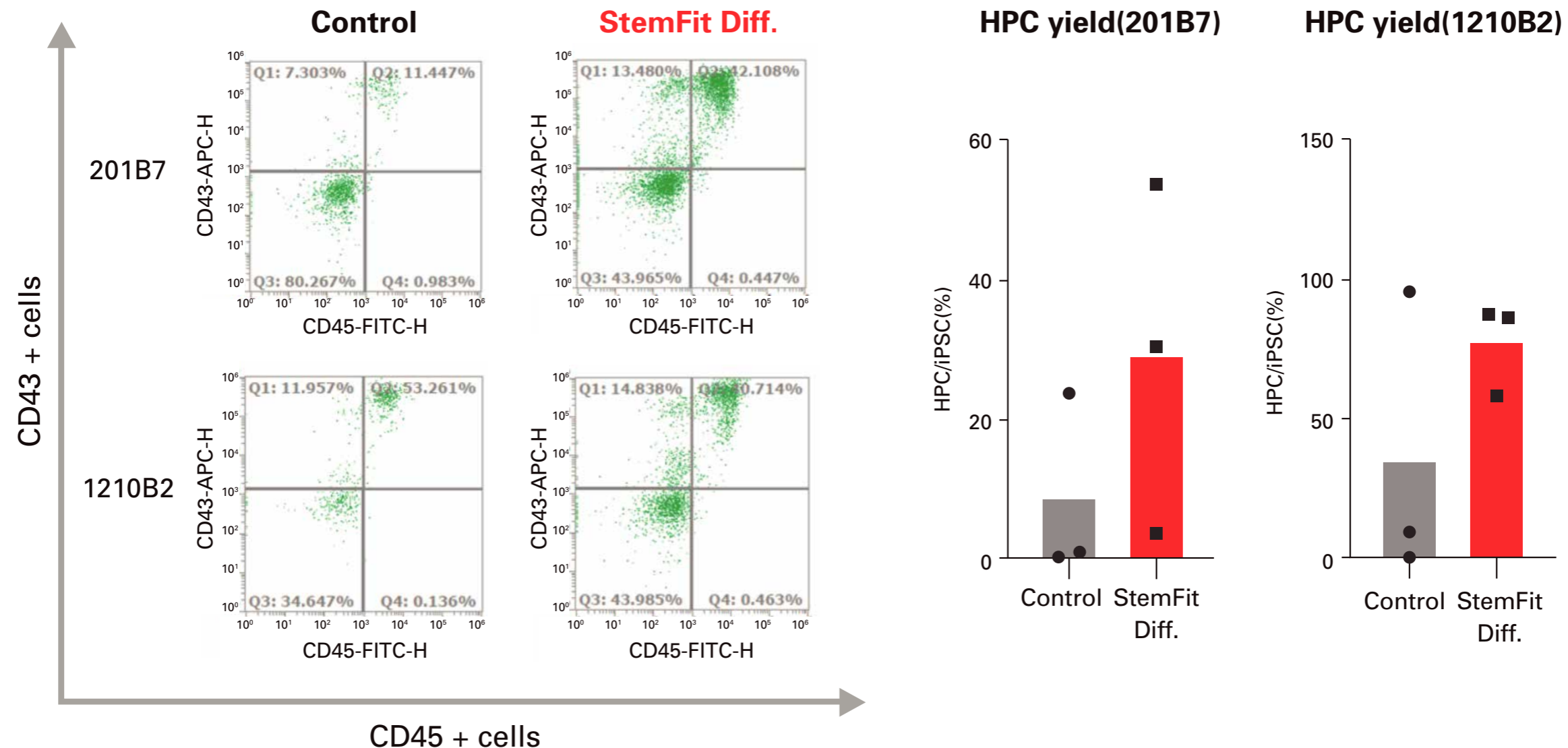
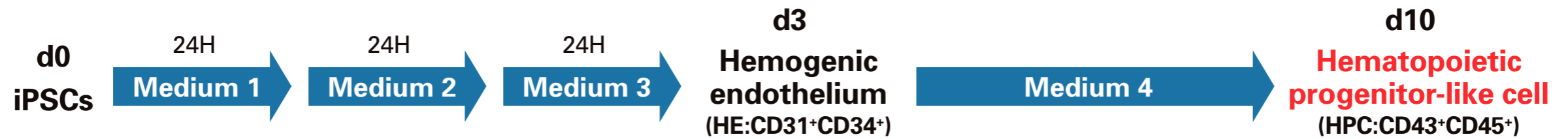


Successful differentiation of iPSC-derived hematopoietic progenitors under chemically defined and animal origin free conditions



HPC differentiation with StemFit® For Differentiation

hiPSCs (201B7,1210B2) were seeded with StemFit Basic04CT in the presence of 10 μ M Y-27632 on VTN-N coated 6-well plate at 1×10^5 cells/well on day -1. Cells were fed with each medium on day 0, 1, 2 and replated on day 3 with Medium 4 on Prime Surface at 1.5×10^4 cells/well. Expression of HE marker CD31,CD34 were evaluated on day3 and expression of HPC marker CD43,CD45 were evaluated on day10 by FACS. The graphs show average HE and HPC yield on day 3 and 10.

Reference

1. Loh MK, et al. WO2016141084
2. Referred from Zhu H, et al. 2019