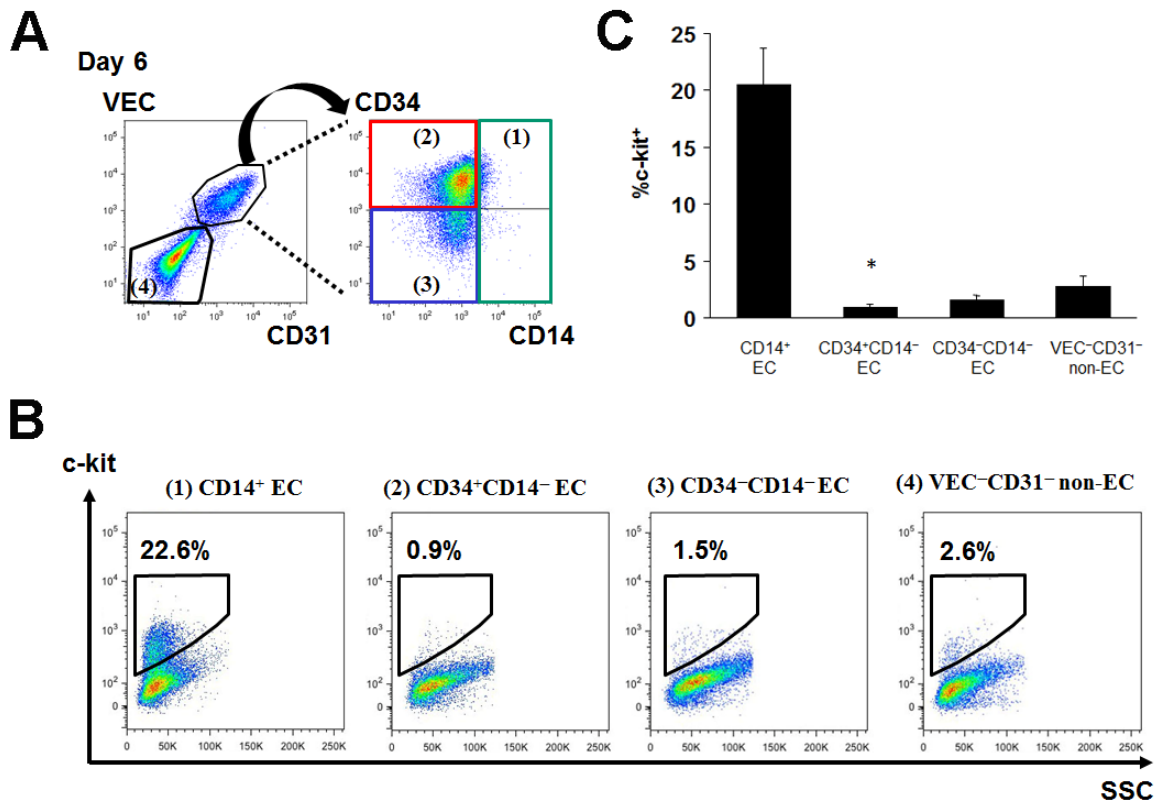

Supplementary information, Figure S4 The $VEC^{+}CD31^{+}CD34^{+}CD14^{-}$ population contains less number of c-kit^{+} hemogenic endothelial cells.

(**A**) On day 6 of the hPSC differentiation, the 3 EC subpopulations among $VEC^{+}CD31^{+}$ cells ((1) $CD14^{+}$; (2) $CD34^{+}CD14^{-}$; (3) $CD34^{-}CD14^{-}$) and non-ECs ((4) $VEC^{-}CD31^{-}$) were sorted separately with FACS. (**B**) The positive expression pattern of c-kit in each subpopulation in **A** was examined with FACS analyzing the same number of cells (3×10^{4}). SSC, side scatter. (**C**) Quantitative results of the c-kit-positive ratios in each subpopulation in **A**. As shown, the $CD14^{+}$ EC subpopulation contained much higher number of c-kit-positive cells (20.4±3.3%), while the $CD34^{+}CD14^{-}$ EC subpopulation contained fewer number of c-kit-positive cells (0.9±0.3%). *P<0.05 vs $CD14^{+}$ EC. Error bars, s.d. (n≥3).