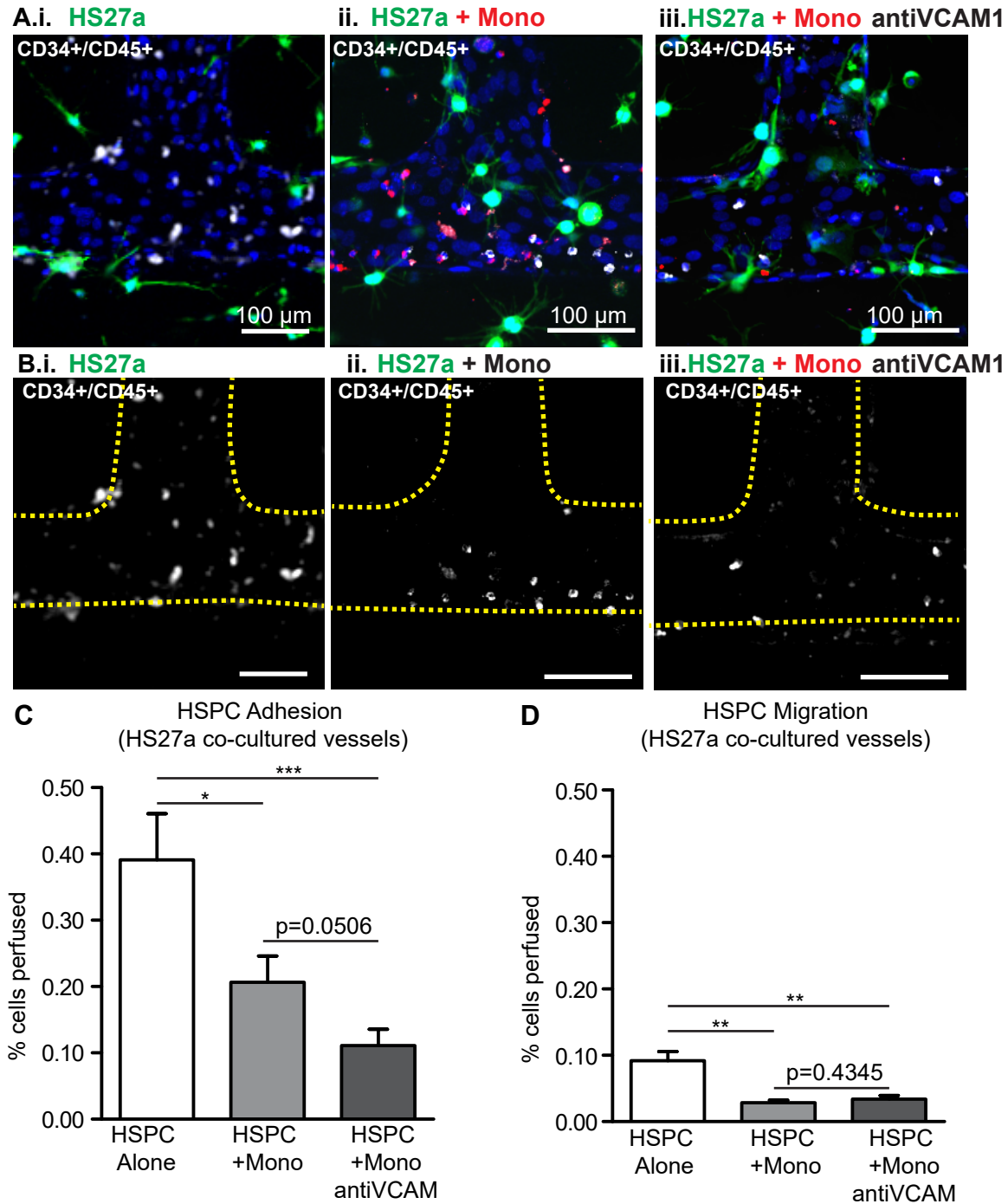


Figure S6.



**Figure S6. Monocytes, not VCAM1, determine HSPC trafficking in HS27a vessels.** (A) HSPCs were perfused through HS27a co-cultured vessels (i) alone, (ii) after monocyte perfusion, or (iii) after monocyte and VCAM1 blocking antibody perfusion. (B) HSPCs are shown with the vessel boundary (yellow dotted line). Scale bars: 100  $\mu$ m. Quantification of (C) HSPC adhesion and (D) migration behavior from these vessels show that monocytes change HSPC adhesion and migration but blocking VCAM1 in the presence of monocytes does not significantly change adhesion and migration. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\*  $p < 0.001$ .