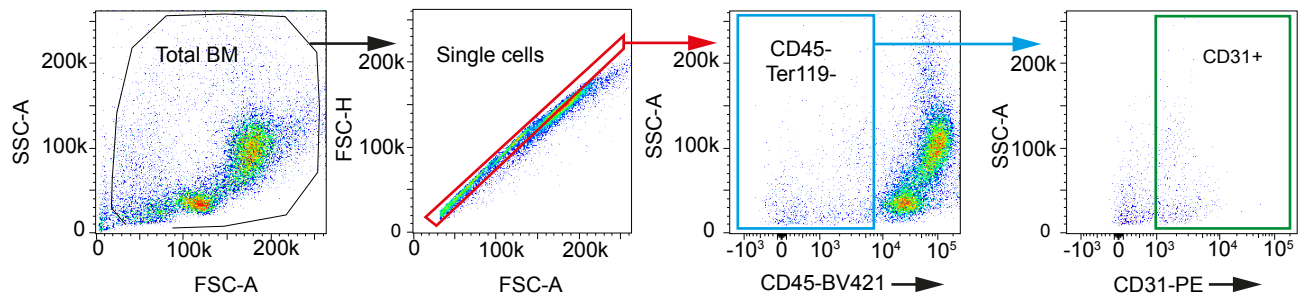
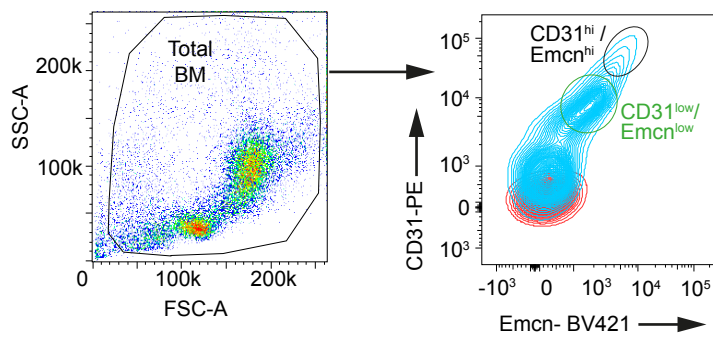


**a**

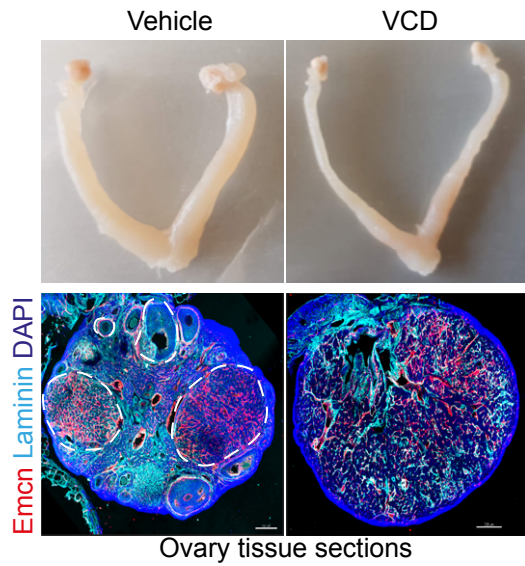


**b**



**Supplementary Figure 1: Flow cytometry gating strategy**

- a, Flow cytometry plots showing gating strategy for total ECs (CD31+ CD45- Ter119-).
- b, Flow cytometry plots showing gating strategy for type-H ECs (CD31<sup>high</sup> Emcn<sup>high</sup>).



**Supplementary Figure 2: Depletion of ovarian follicles by VCD treatment**

Representative dissected ovaries attached to uterine horns of Vehicle and VCD-administered female mice, illustrating smaller VCD ovaries with flaccid uterine horns. Confocal images of ovary tissue sections from Vehicle and VCD mice (n=5 mice) show depleted ovarian follicles in VCD ovaries. Scale bars 200um