



**S7 Fig. Types of smooth muscle cells in veins.** **A)** Representative co-immunofluorescence of MYH11 and desmin in medial (left) and intimal SMCs (right). Cells with high (yellow-orange) and low desmin expression (green) coexist in both layers. **B)** Co-immunofluorescence of MYH11 and ITGA5 in medial (left) and intimal SMCs (right) shows similar distribution of ITGA5 high and low cells as in **A**. **C)** STEAP4<sup>+</sup> pericytes surrounding microvessels. Scale bar = 20  $\mu$ m in all panels.

