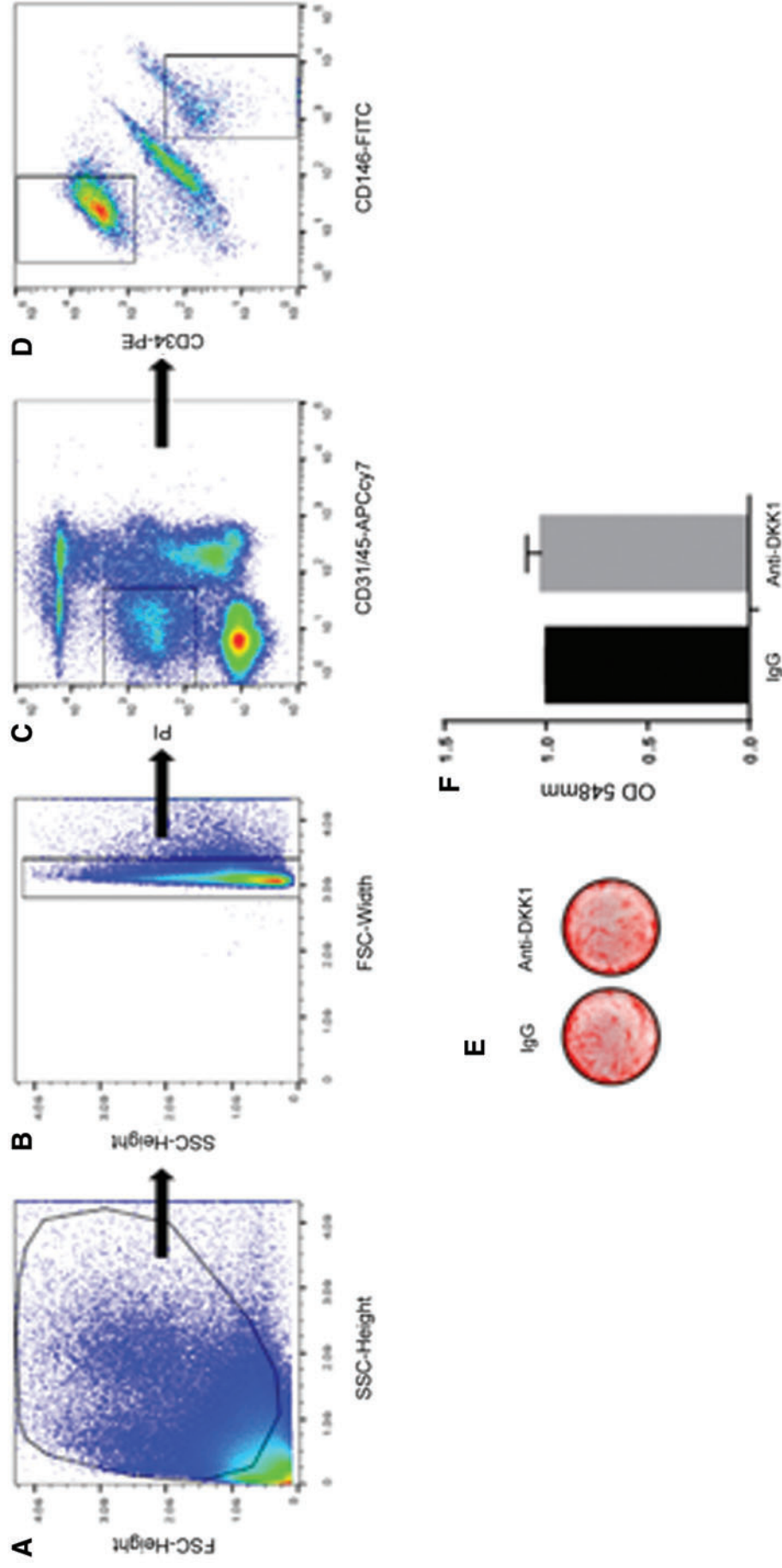


Supplementary Data



SUPPLEMENTARY FIG. S1. Effects of anti-DKK1 on human PSC osteogenic differentiation. (A–D) Purification of human PSCs by FACS, including (A) size characterization, (B) single cell selecting, (C) removal of PI-positive nonviable cells, CD31⁺ or CD45⁺ cells, and cell debris, and (D) isolation of perivascular stem cells, including CD146⁺ pericytes and CD146⁺ CD34⁺ adventitial cells. (E, F) Alizarin red staining (E) and quantification (F) after 7 days of osteogenic differentiation with anti-DKK1 or IgG control (1 µg/mL). Whole well images shown. Experiments performed in at least experimental triplicate. FACS, fluorescent-activated cell sorting; PSC, perivascular stem cell.