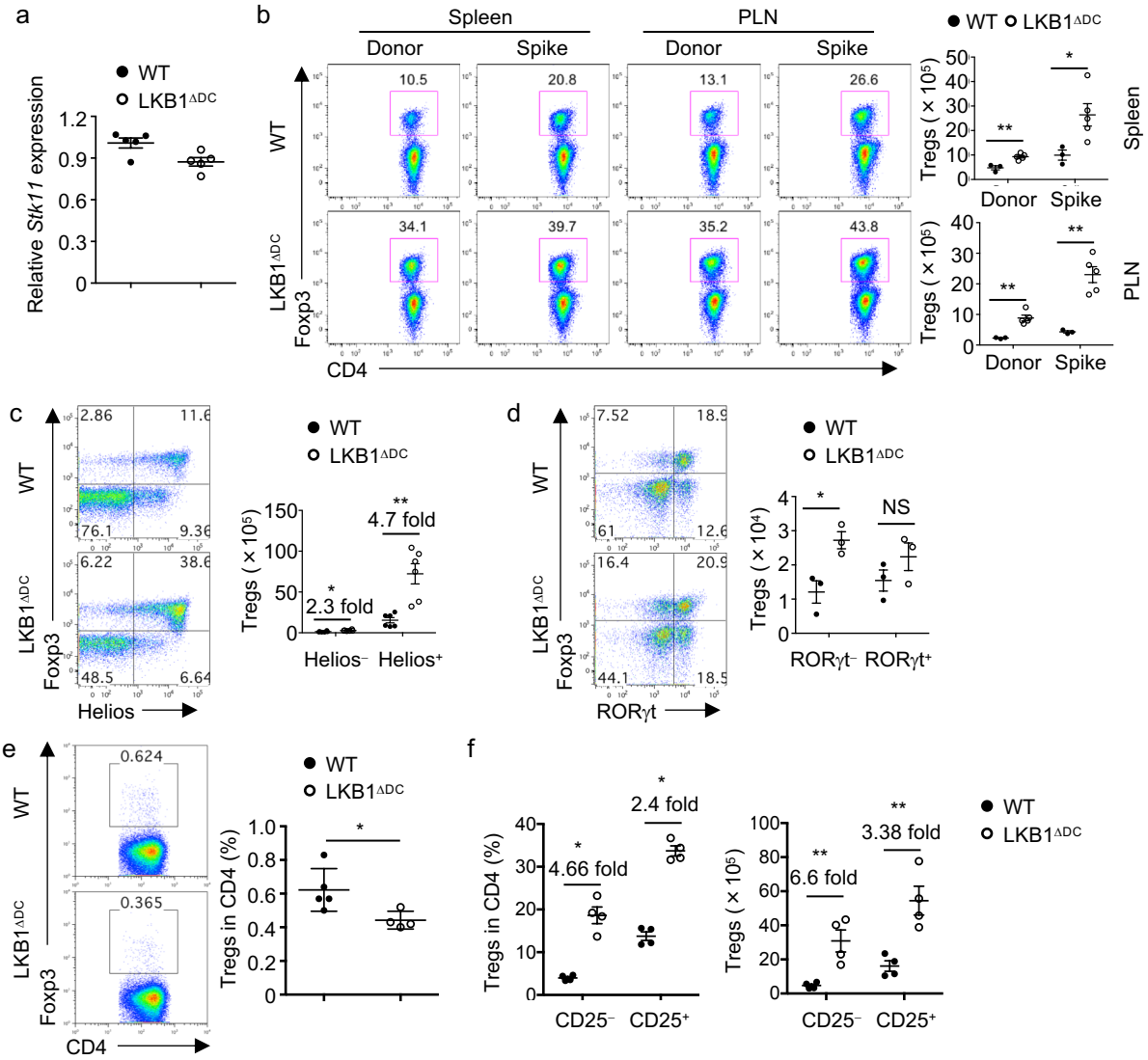

Supplementary information, Figure S2. LKB1 deficiency in DCs mainly promotes tTreg expansion in a cell-intrinsic and dominant manner. a, Real-time PCR analysis of *Stk11* mRNA expression in CD4$^+$CD25$^+$ Tregs from WT and LKB1$^{\Delta DC}$ mice. **b**, Flow cytometry analysis and statistics of cell numbers of CD45.1.2$^+$ spike bone marrow cell-derived and CD45.2.2$^+$ WT or LKB1$^{\Delta DC}$ donor bone marrow cell-derived Foxp3$^+$CD4$^+$ Tregs in the spleen of mixed chimeras. **c**, Flow cytometry analysis of Foxp3 and Helios expression and statistics of cell number of Helios$^-$ and Helios$^+$ Tregs in the spleen of WT and LKB1$^{\Delta DC}$ mice. Numbers in the statistics graph indicate fold changes of LKB1$^{\Delta DC}$ vs WT mice. **d**, Flow cytometry analysis of Foxp3 and RORγt expression and statistics of cell number of RORγt$^-$ and RORγt$^+$ Tregs in the colon lamina propria (LP) of WT and LKB1$^{\Delta DC}$ mice. **e**. Flow cytometry analysis of Foxp3 expression and statistics of Treg frequency in naïve OT-II CD4$^+$ T cells cultured with splenic DCs from WT and LKB1$^{\Delta DC}$ mice for 5 days. **f**, Statistics of frequencies and cell numbers of CD25$^-$ and CD25$^+$ Treg subsets in the spleen of WT and LKB1$^{\Delta DC}$ mice. Numbers in the statistics graph indicate fold changes of LKB1$^{\Delta DC}$ vs WT mice. Numbers in gates or quadrants indicate percentage of cells. NS, not significant; *$P < 0.05$, **$P < 0.01$; two-tailed unpaired Student's *t* test (b–d; f, cell number) or two-tailed Mann-Whitney test (e; f, frequency). Data are from at least two independent experiments (a–f).