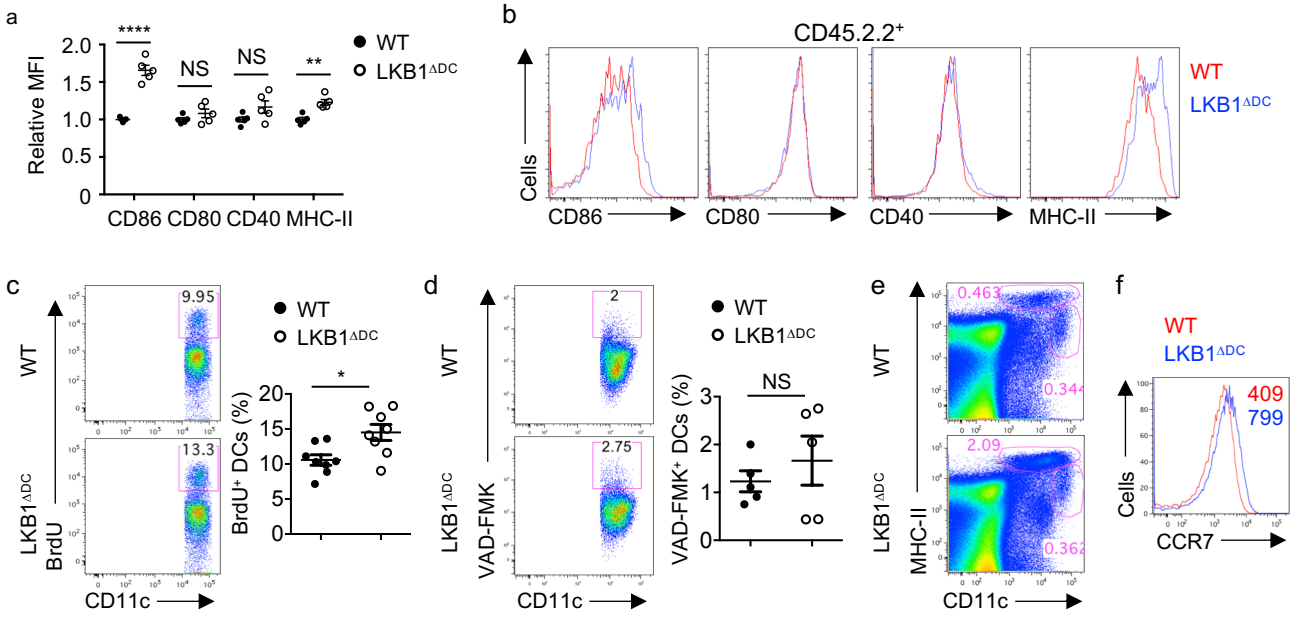

Supplementary information, Figure S5. LKB1 controls DC maturation and proliferation. a, Statistics of relative mean fluorescence intensity (MFI) of CD86, CD80, CD40 and MHC-II expression on thymic DCs from WT and LKB1$^{\Delta DC}$ mice. **b**, Flow cytometry analysis of CD86, CD80, CD40 and MHC-II expression on CD45.2.2^{+} WT or LKB1$^{\Delta DC}$ donor bone marrow cell-derived splenic DCs in mixed chimeras. **c**, Flow cytometry analysis (left) and statistics (right) of BrdU incorporation in splenic DCs from WT and LKB1$^{\Delta DC}$ mice. **d**, Flow cytometry analysis of caspase activity in splenic DCs assessed with FITC-VAD-FMK (left) and statistics of the frequency of apoptotic VAD-FMK^{+} splenic DCs (right) from WT and LKB1$^{\Delta DC}$ mice. **e**, Flow cytometry analysis MHC-II and CD11c expression on PLN DCs from WT and LKB1$^{\Delta DC}$ mice. **f**, Flow cytometry analysis CCR7 expression on splenic DCs from WT and LKB1$^{\Delta DC}$ mice. Data in plots indicate the means ± s.e.m; each symbol represents an individual mouse. Numbers in gates indicate percentage of cells; numbers in graphs indicate the MFI. NS, not significant; *$P < 0.05$; **$P < 0.01$, ****$P < 0.0001$; two-tailed unpaired Student's t test (a) or two-tailed Mann-Whitney test (c, d). Data are from two (a), three (b, d–f) or four (c) independent experiments.