



Supplementary Figure 2. Adoptively transferred naïve 2D2-HDAC1^{ckO} CD4⁺ T cells are expanding at normal frequencies following MOG₃₅₋₅₅ peptide/CFA stimulation. (a) Naïve 2D2-WT or 2D2-HDAC1^{ckO} CD4⁺ T cells (CD45.1-CD45.2⁺) were transferred into CD45.1⁺CD45.2⁺ recipient mice which were immunized with MOG₃₅₋₅₅ peptide/CFA on the next day. Four days later CD45.2⁺Vα3.2⁺ 2D2 T cells within draining lymph nodes (dLN), spleen and peripheral lymph nodes (pLN) were analyzed. (b) Summary graphs show numbers (upper panels) and percentages (lower panels) of recovered CD45.2⁺Vα3.2⁺ 2D2 T cells within the respective organs. Controls are transferred naïve 2D2-WT or 2D2-HDAC1^{ckO} CD4⁺ T cells isolated from recipient mice that were immunized with PBS/CFA. (c) Representative histograms show cell surface expression of CD62L, CD44, CD25 and CD69 on recovered CD45.2⁺Vα3.2⁺ 2D2 T cells from dLN. (d) Summary graphs show percentages of cell surface markers CD62L, CD44, CD25 and CD69 on CD45.2⁺Vα3.2⁺ 2D2 T cells recovered from dLN, spleens and pLN. Horizontal bars indicate the mean. *p < 0.05, **p < 0.01 (unpaired two-tailed student's t-test). Data are representative (c) or show a summary of 12 (b,d) mice per group (except controls with 3 mice per group) analyzed in 3 (b,d) independent experiments.