



Supplementary Figure 1. Normal activation of adoptively transferred naïve 2D2-HDAC1^{cKO} cells 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. Two 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 depict percentages of cell surface markers CD62L, CD44, CD25 and CD69 on CD45.2⁺Vα3.2⁺ 2D2 T cells recovered from spleens and peripheral lymph nodes (pLN). Controls are transferred naïve 2D2-WT or 2D2-HDAC1^{cKO} CD4⁺ T cells isolated from recipient mice that were immunized with PBS/CFA. **(c)** Summary graphs show numbers (upper panels) and percentages (lower panels) of recovered CD45.2⁺Vα3.2⁺ 2D2 T cells within the respective organs. Horizontal bars indicate the mean. *p < 0.05 (unpaired two-tailed student's t-test). Differences that did not reach a statistically significant level (i.e., p ≥ 0.05) are not indicated. Data show a summary of 12-13 **(b,c)** mice per group (except controls with 3 mice per group) analyzed in 3 **(b,c)** independent experiments.