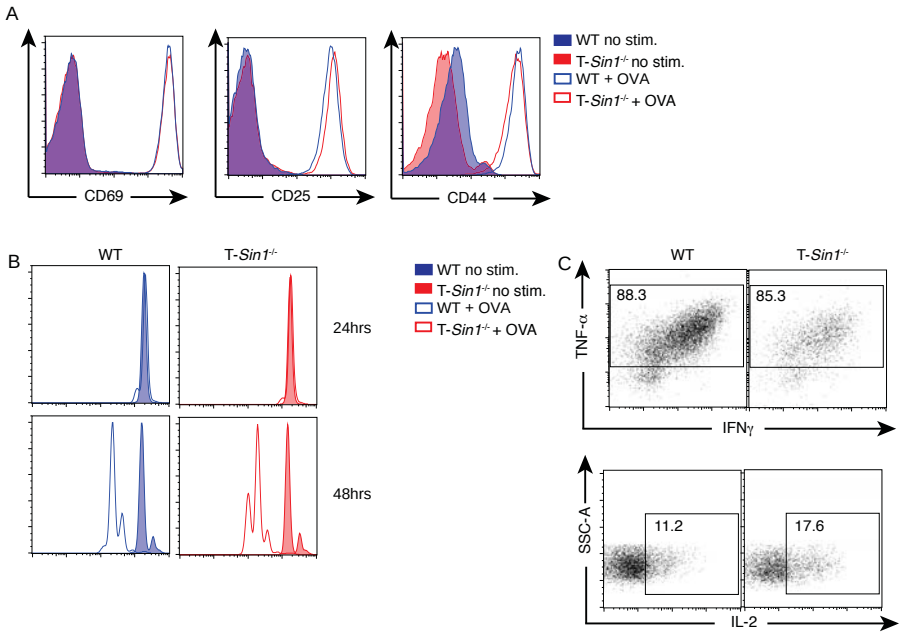
SUPPLEMENTARY FIGURE 1

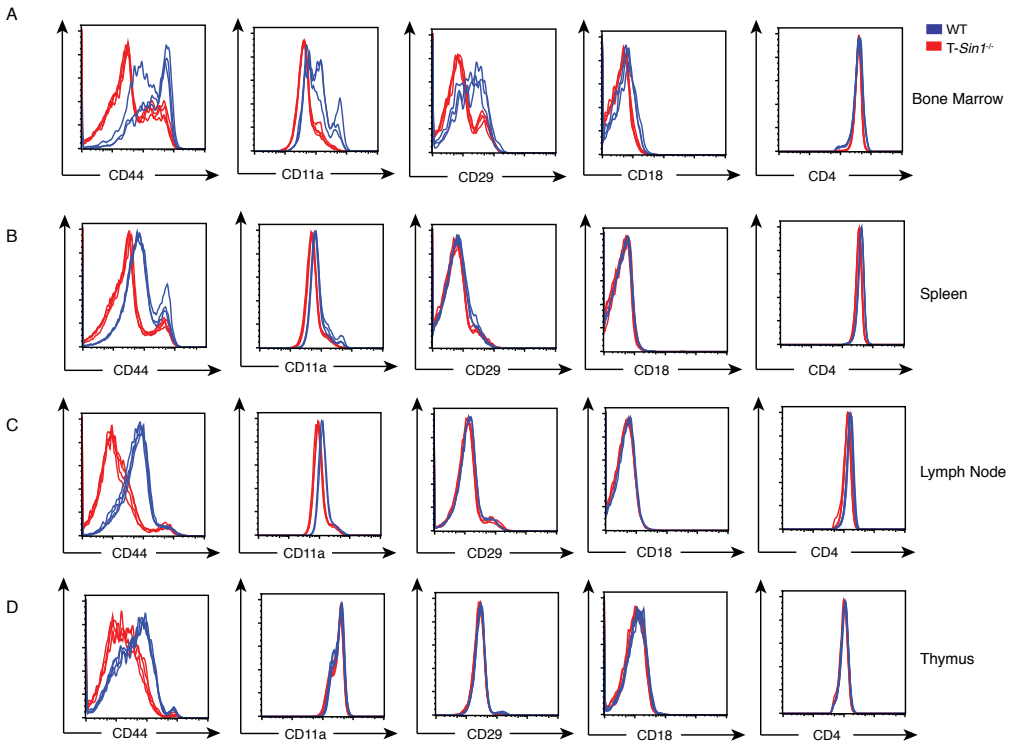


Supplementary Figure 1-
A) Flow cytometric analysis of expression of various markers of activation in WT or T-Sin1-/- T cells after 24hrs of antigenic stimulation. WT or T-Sin1-/- OTI CD8+ T cells were labeled with Cell Trace dye and stimulated with 200ng/ml OVA (SIINFEKL) peptide and 1ug/ml anti-CD28. Control cells (no stim.) were treated with 10ng/ml IL-7. Histograms (red-T-Sin1-/-, blue-WT) depict fluorescence intensity of indicated proteins at 24hrs post stimulation. Gates were set on CD8+ T cells. The empty histograms represent cells stimulated with OVA and anti-CD28, while the filled histograms represent controls treated with IL-7.

B) As in A except data depicts Cell trace dye dilution as an indication of cell division at the indicated time points. Data are representative of three independent experiments.

C)Flow cytometric analyses of intracellular cytokine staining for IFN-γ, TNF-α and IL-2 production in WT or T-Sin1-/- T OTI T cells post-LM-OVA infection. CD45.2+ WT or T-Sin1-/- T OTI T cells were adoptively transferred into CD45.1+ WT C57BL/6 mice. Recipient mice were infected with LM-OVA. Spleen cells were harvested at day 8 post-infection and stimulated with 200ng/ml OVA 257-264 (SIINFEKL) peptide.

SUPPLEMENTARY FIGURE 2



Supplementary figure 1- Sin1/mTORC2 deficiency results in altered surface expression of various adhesion molecules.
Flow cytometric analysis of indicated adhesion receptos in CD4+T cells from A) Bone marrow B) Spleen C) Inguinal lymph node D) Thymus. Histograms (red-T-Sin1-/-, blue-WT) depict fluorescence intensity of indicated adhesion molecules; histograms of 3-4 mice per group are overlaid.
Data are representative of at least three independent experiments.