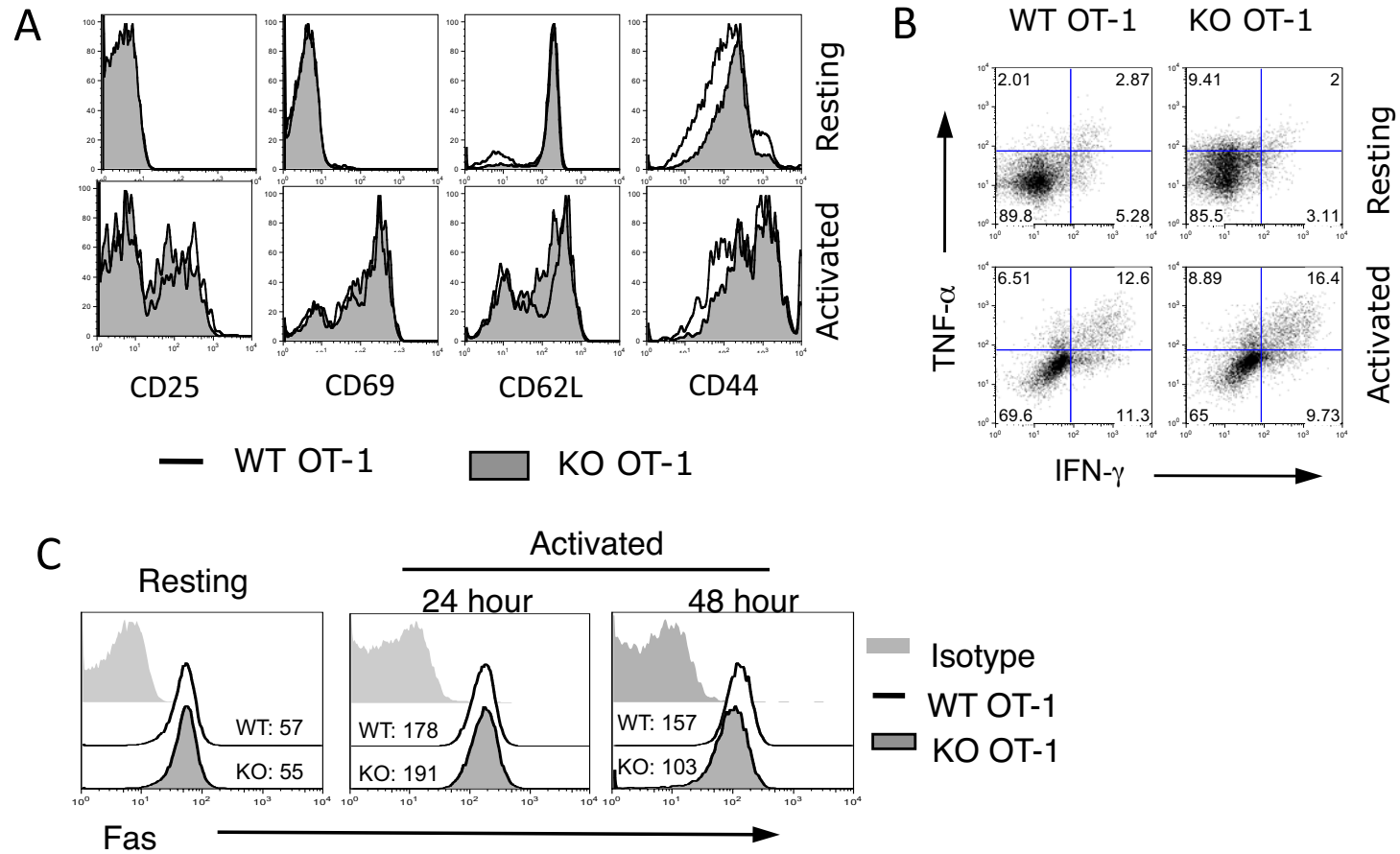


Supplemental Figure 1. Naïve B7-H1 deficient CD8 T cells have normal antigen-induced proliferation and spontaneous apoptosis. Purified naïve CD8 T cells from WT or B7-H1 KO OT-1 mice were labeled with CFSE and incubated with OVA peptide-pulsed or not-pulsed mature DCs (A) or injected into sub-lethally irradiated B6 mice (B). Histograms show the dilution of CFSE in CD8 T cells three days after incubation (A) and seven days after transfer (B). One of two independent experiments is shown. Freshly purified CD8 T cells from WT and B7-H1 KO OT-1 mice were stained for mitochondria membrane potential (TMRE) and Annexin V binding (C), and intracellular active caspase-3 (D). Numbers show percentage (mean ± SD) of apoptotic (Annexin⁺ TMRE^{low} or active caspase-3⁺) CD8 T cells. (E) Kinetics of apoptosis (% Annexin V⁺) of WT and B7-H1 KO CD8 T cells cultured in medium alone.



Supplemental Figure 2. Phenotype and function of pre-activated B7-H1 KO CD8 T cells. Purified CD8 T cells from WT or B7-H1 KO OT-1 mice were activated with anti-CD3/CD28 for 24 or 48 h in medium containing IL-2 (10 IU/ml) followed by staining for surface markers. (A) surface staining. (B) Intracellular staining for IFN- γ and TNF- α . (C) Fas (CD95) expression by resting or activated CD8 T cells. Numbers are MFI of Fas staining. One of three independent experiments is shown.