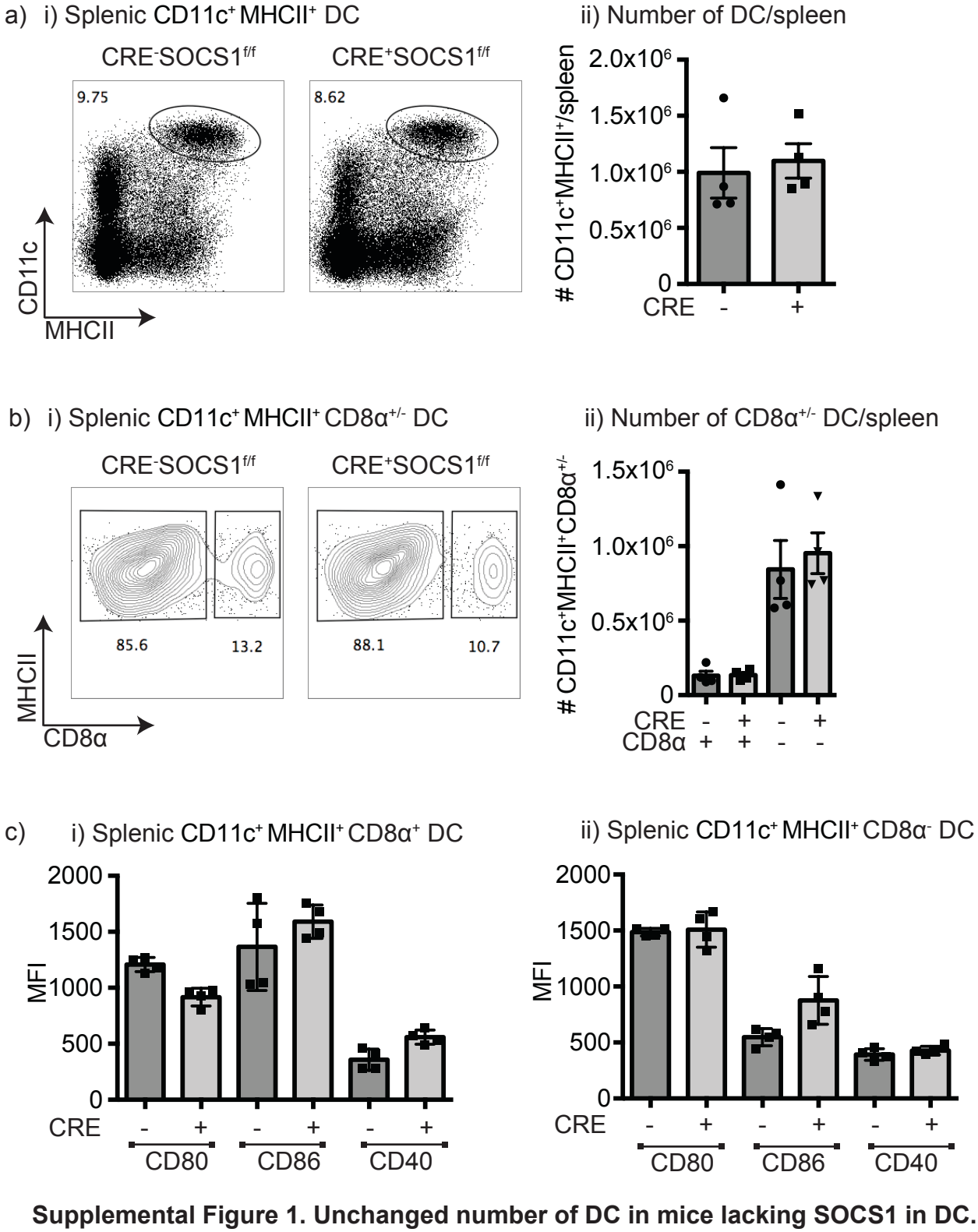
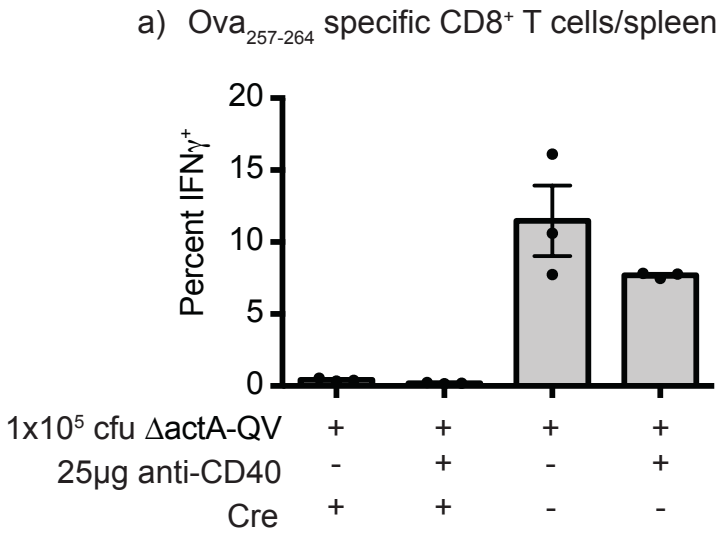
Supplementary Figure 1.



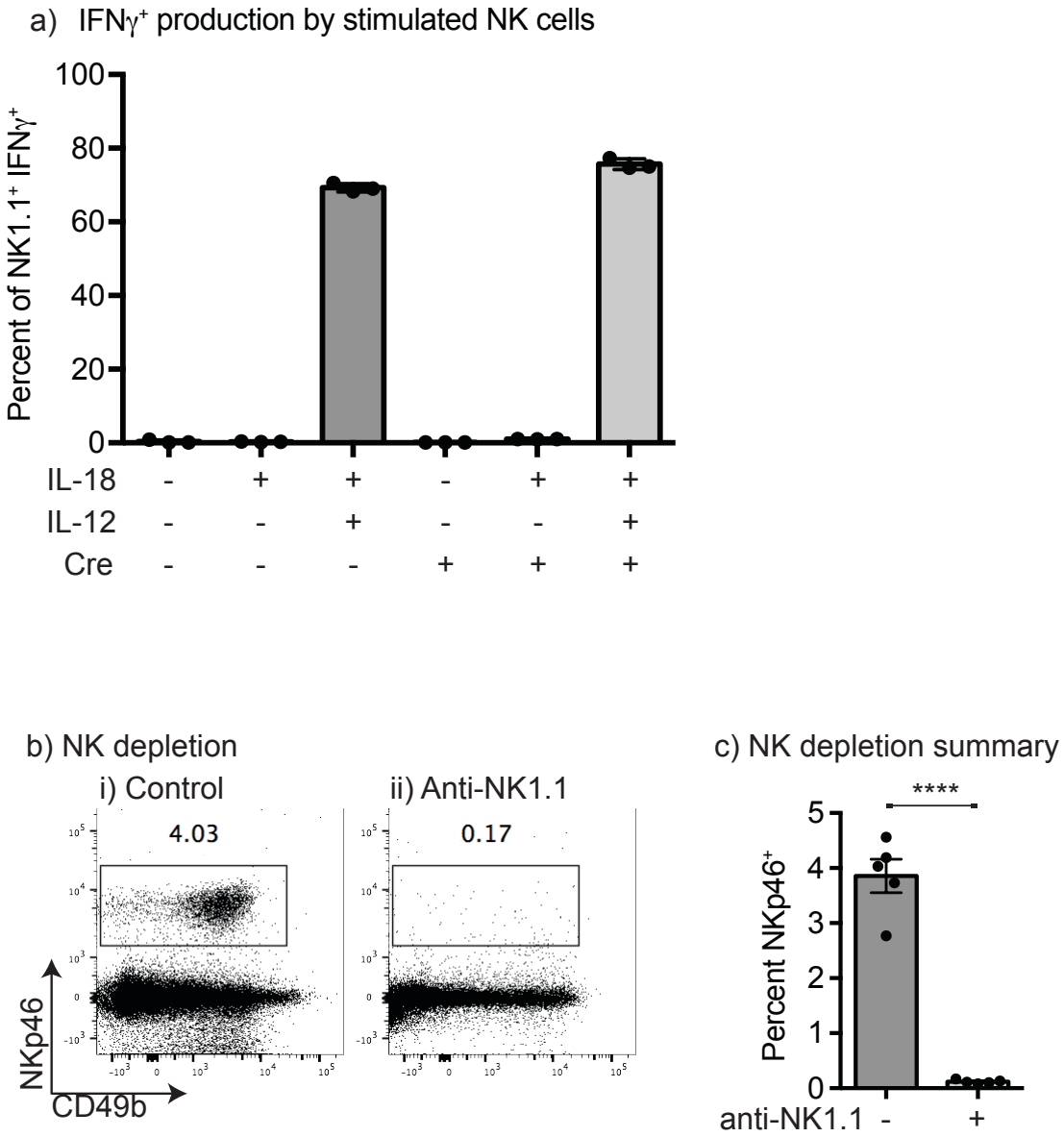
Supplemental Figure 1. Unchanged number of DC in mice lacking SOCS1 in DC. Splenic CD11c$^+$ DC from naïve Cre$^-$SOCS1$^{fl/fl}$ and Cre$^+$SOCS1$^{fl/fl}$ mice were analyzed for a) CD11c MHCII and b) CD8α expression by flow cytometry. c) CD11c$^+$ MHCII$^+$ cells were stained with various cell markers and MFI determined by flow cytometry. Results shown are representative of at least 3 independent experiment, each symbol represent one mouse, n = 4 mice. Statistics calculated by Student's t test; ** = $p<0.01$, *** = $p<0.001$.

Supplementary Figure 2.



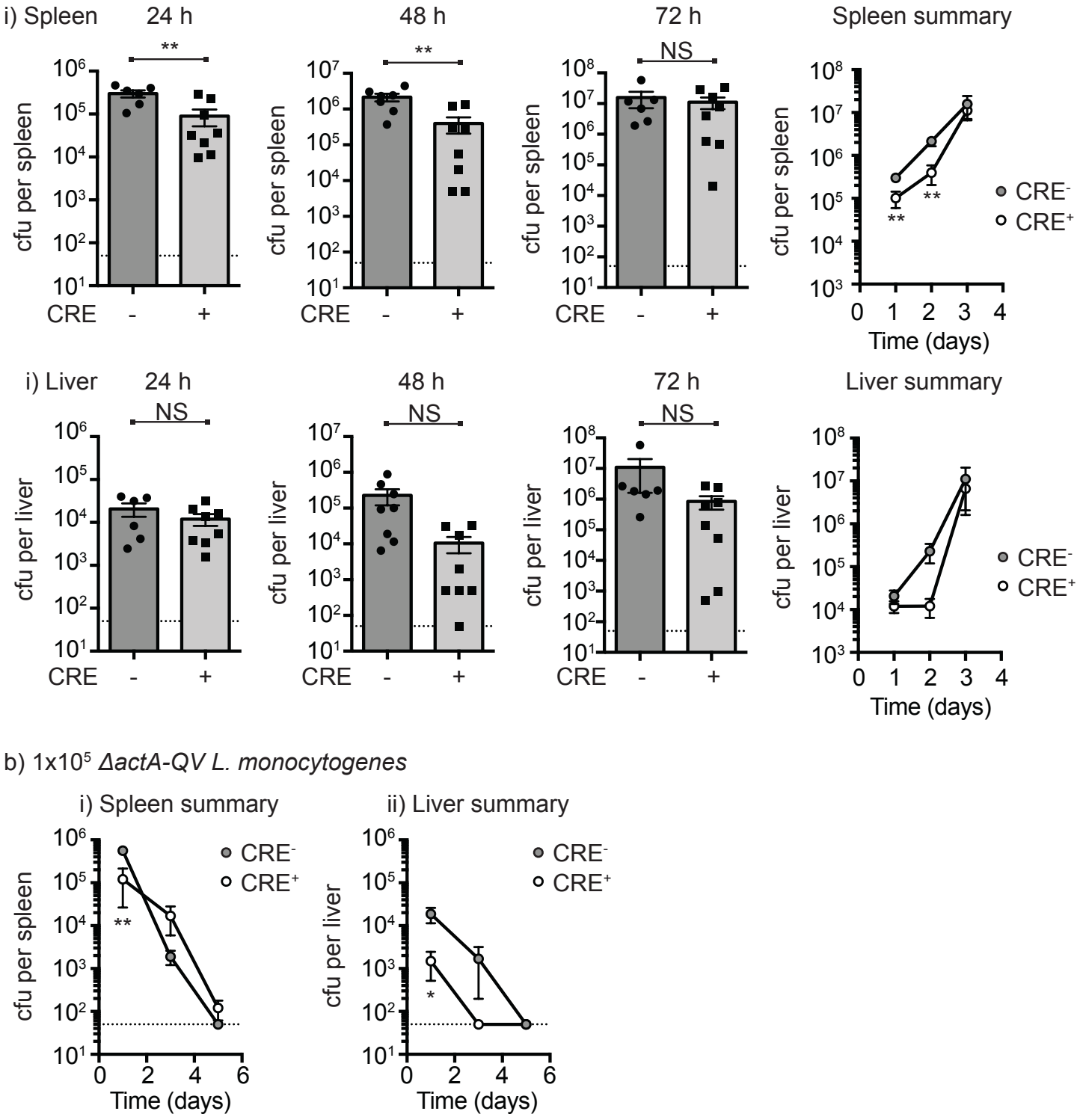
Supplemental Figure 2. Anti-CD40 does not restore T cell activity to *L. monocytogenes*. a) $Cre^{-}SOCS1^{fl/fl}$ and $Cre^{+}SOCS1^{fl/fl}$ littermates were primed with $1x10^5$ cfu *ΔactA QV* with or without 25 µg anti-CD40. Spleens were harvested 7 days post priming and $IFN\gamma^{+}$ SIINFEKL-specific CD8 T cells determined by using ICS. The displayed experiment is representative of 2 independent repeats, each symbol represent one mouse, n = 3 mice.

Supplementary Figure 3.



Supplemental Figure 3. Role of NK response in mice lacking SOCS1 in DC.
a) NK cells were purified from mouse splenocytes and stimulated as described in Materials and Methods for 6 hs before staining the cells for ICS as described. Results shown are representative of three independent experiments, each symbol represents one well, n= 3 wells/ experiment. b) Depletion of NK cells in mice treated with anti-NK1.1 antibody.
For in vivo NK depletion, 100μg of α-NK1.1 antibody (Clone PK136, BioXCell, West Lebanon, NH) was injected intraperitoneally and NK cell depletion confirmed by analyzing peripheral blood 24hr later. Representative flow-cytometry plot of gated CD3- cells stained for NKp46 and CD49b cells in representative $Cre^{-}SOCS1^{fl/fl}$ i) control and ii) anti-NK1.1 treated; b) Summary of percentage of NK cells in blood following depletion. Each symbol represents one mouse. Data represents the mean ± SEM of each group. The displayed experiments are representative of 3 independent repeats. Statistics calculated by Student's t test; **** = $p<0.0001$.

Supplementary Figure 4



Supplemental Figure 4. Bacterial counts in spleens and livers from mice infected with wt and *Δ actA L. monocytogenes*

Mice were infected with a) 1x10^4 cfu wt L. monocytogenes or b) 1x10^5 cfu *ΔactA QV L. monocytogenes*. At the indicated time points i) spleens and ii) livers were harvested, homogenized in the presence of 0.2% Igepal, samples plated on BHI plates and incubated overnight at 37°C. After 24hr incubation, cfu were counted. Each symbol represents one mouse, data are presented as the cumulative results from 2 independent experiments. Statistics calculated by Student's t test; ** = p<0.01.