Figure S1. Analysis of cytokine production by direct intracellular staining (dICS) following needle challenge.

Ears of chronic (A and B) or naïve (B) mice were not challenged, needle inoculated with PBS or needle inoculated with 1x10^5 L.m. metacyclic promastigotes (L.m.). 17-20 hours post-challenge, CD3^+CD4^+ T cells from the ear were analyzed by flow-cytometry following dICS, which stains for intracellular cytokines directly ex-vivo without the use of antigen or pharmacological stimulation. Two independent experiments are shown.