



S9 Fig. Increased pSTAT5, CD25 and FOXP3 levels in T regulatory cell subsets in blood following a dose of Proleukin. (A) The maximal pSTAT5 response of nTregs to treatment was at 90 minutes and was sustained for several days at the higher doses (nTreg average baseline MFI 8.71 (SE=0.32; Range=5-15) N=36) (B) The increased level of pSTAT5 on day 1 was eliminated by incubating the blood for 2 hours with a neutralizing anti-IL-2 antibody prior to initiating the staining procedure. Increase in expression of CD25 on (C) mTregs and (D) nTregs on day 3 post-treatment using cryopreserved PBMC. Increase in FOXP3 expression 3 days following treatment on (E) mTregs and (F) nTregs using cryopreserved PBMC.