



SUPPLEMENTARY FIG. S3. (A) Intracellular DC CTLA-4 is upregulated with increased DC maturation. Intracellular CTLA-4 levels were well correlated with relative maturity of the DC as measured by CD80 and CD83 expression. (B) Circulating human CD11c⁺ cells physiologically express intracellular CTLA-4 in a pattern distinct from that of CD3⁺ cells. Blood was collected from healthy volunteers and subsequently stained for CD11c, CD3, surface CTLA-4, and intracellular CTLA-4. Gating specifically on CD3⁺ and CD11c⁺ cells indicates that, while activation with SEB upregulates CTLA-4 expression on the CD3⁺ subset (*top panel*), both subsets possess intracellular CTLA-4 (*bottom panel*). Basal levels of intracellular CTLA-4 were higher in CD11c⁺ cells than in unactivated CD3⁺ cells.