

Supplemental Data

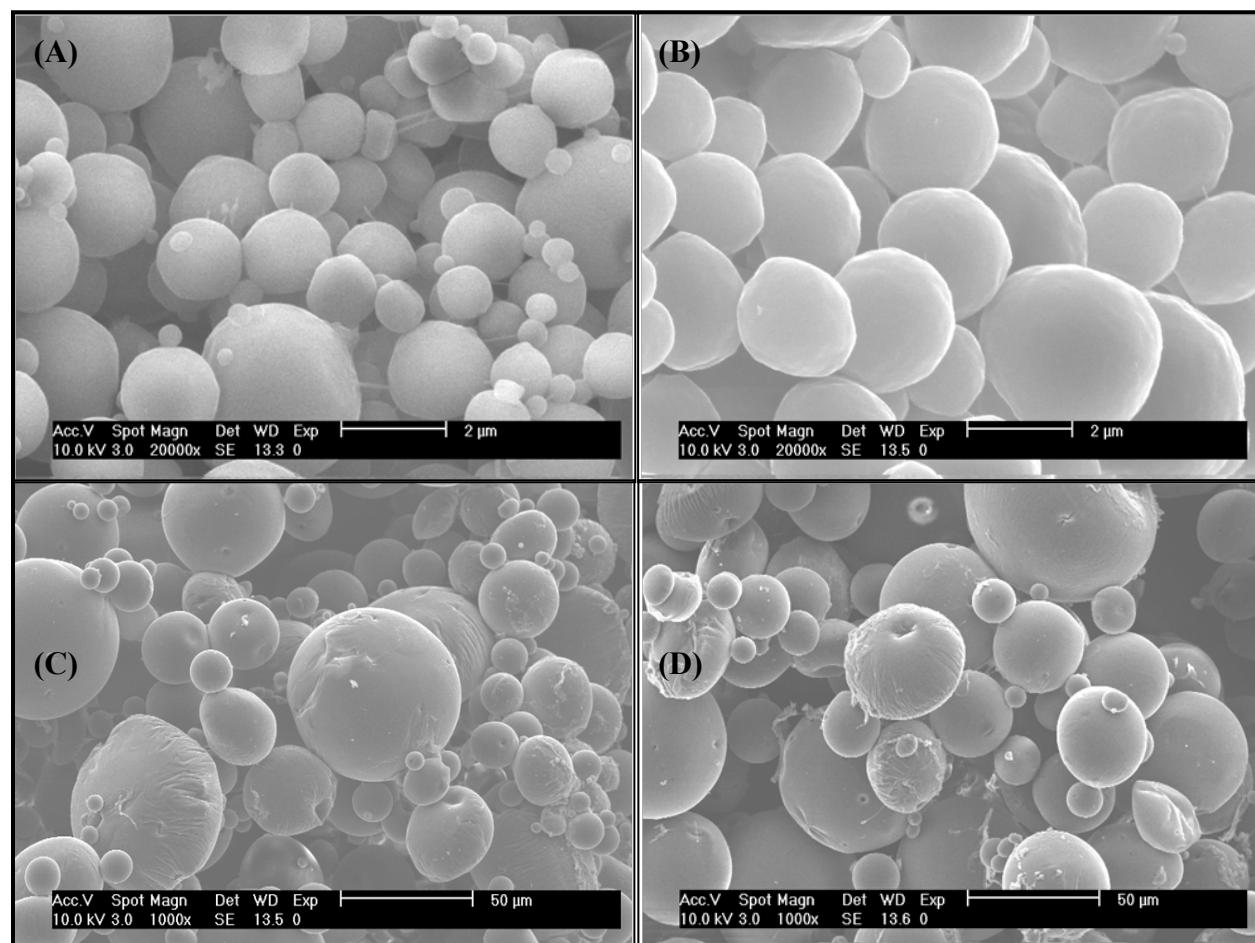


Figure S1. Representative scanning electron micrographs of (A) RAPA MPs, (B) RA MPs, (C) TGF- β 1 MPs and, (D) IL-10 MPs.

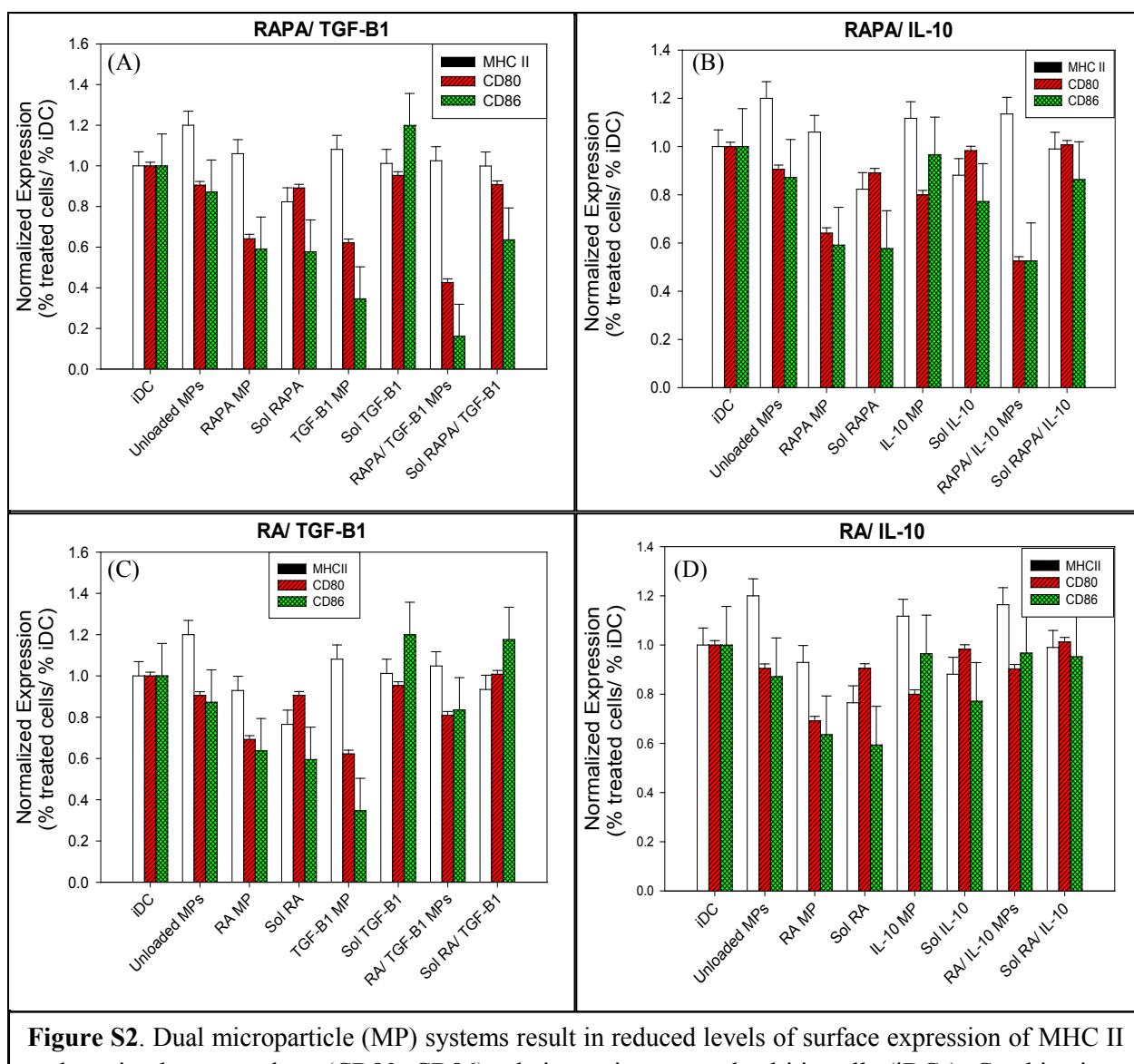


Figure S2. Dual microparticle (MP) systems result in reduced levels of surface expression of MHC II and costimulatory markers (CD80, CD86) relative to immature dendritic cells (iDCs). Combinations of immunomodulatory phagocytosable MPs (RAPA MP, RA MP) and un-phagocytosable MPs (TGF- β 1 MP, IL-10 MP) were investigated. Unloaded MPs and soluble equivalent doses were included as controls. The percent positive cells for activation markers in a treatment group, normalized to the iDC group are shown (Panels A – D).

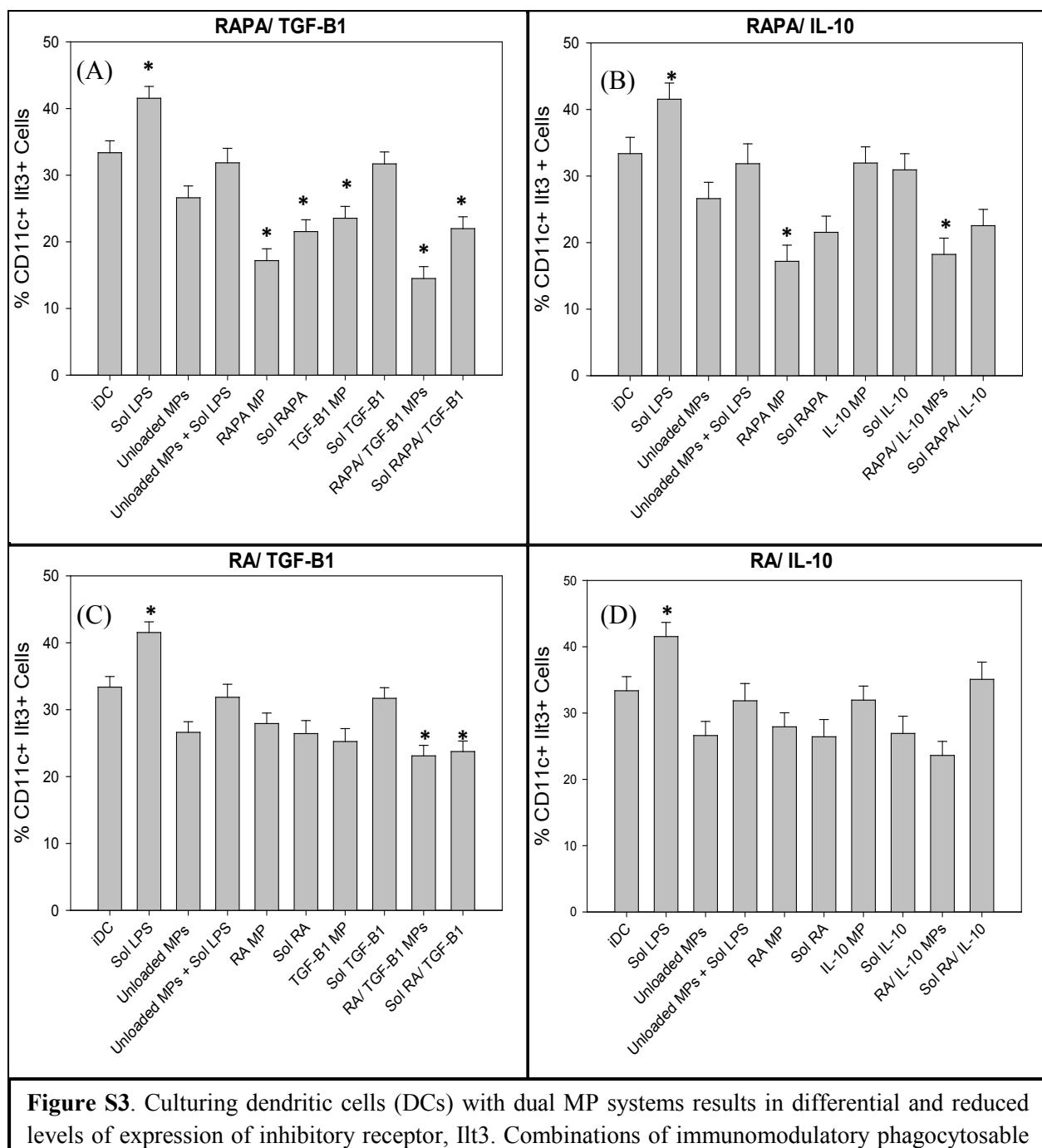


Figure S3. Culturing dendritic cells (DCs) with dual MP systems results in differential and reduced levels of expression of inhibitory receptor, Ilt3. Combinations of immunomodulatory phagocytosable MPs (RAPA MP, RA MP) and un-phagocytosable MPs (TGF- β 1 MP, IL-10 MP) were investigated. Unloaded MPs and soluble equivalent doses were included as controls. Pair-wise significant differences from the immature DC (iDC) group are denoted by the * symbol ($p \leq 0.05$).

