Supplemental Figure 2

UT DCs

DCs + LPS

DCs + GML Transwell culture

DCs + GML Co-culture
Supplemental Figure 1

OVA-GML activate endogenous OVA-specific CD8\(^+\) T-cells. B6 mice were treated 3 times at 2 weeks intervals with OVA-GML (4x10\(^6\)). (A) Fifteen or forty days later, cells from spleen and lymph nodes were collected and stained with CD3, CD8, CD44 mAbs and with H2K\(^b\)-SIINFEKL OVA Pentamer. Analysis of CD3\(^+\) cells for OVA Pentamer and either CD8 or CD44 staining is shown. (B) The results of two independent experiments are reported, as percentage of CD8\(^+\)/OVA Pentamer\(^+\) Cells. (C) CD8\(^+\)/CD44\(^+\) cells were analyzed for the expression of OVA Pentamer, CD62L, CD127 and CD27 T-cell markers.

Supplemental Figure 2

GML induce maturation of phagocytosing CD11c\(^+\)CD8\(\alpha\)^+ DCs in vitro. CD11c\(^+\) DCs purified from SLO of naive B6 mice, were either left untreated, activated with LPS, co-cultured with CFSE-labeled GML or cultured with CFSE-labeled GML in transwell plate conditions. Twenty-four hours later, CD11c\(^+\)CD8\(\alpha\)^+ DCs were analyzed for CD80, CD86 and CD40 expression. In co-culture conditions, the analysis was performed on both CD11c\(^+\)CD8\(\alpha\)^+CFSE\(^+\) phagocytosing DCs and CD11c\(^+\)CD8\(\alpha\)^+CFSE\(^-\) non-phagocytosing DCs.