

Figure S3

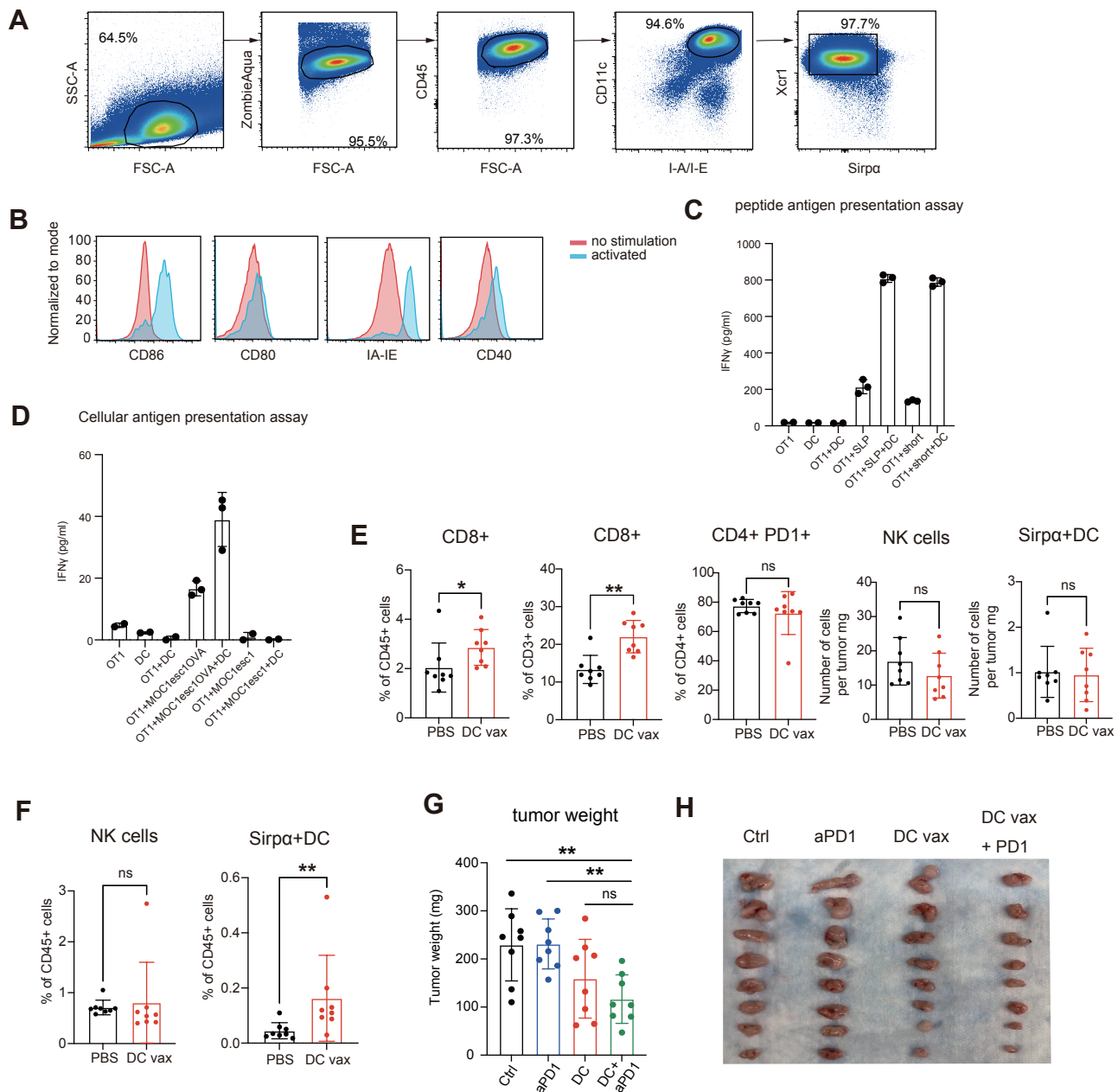


Figure S3

A. Representative flow cytometry results of isolated Xcr1+ cDC1s used for DC vaccine experiments.

B. Histogram of indicated marker expression gated on Xcr1+ cDC1s analyzed by flow cytometry. Xcr1+ cDCs were isolated and cultured with (=activated) or without (=no stimulation) PolyI:C (20 µg/ml) for 4 hours before staining.

C, D. IFN-γ ELISA testing the ability of Xcr1+ DCs to activate CD8+ T cells. CD8+ cells isolated from OT-1 mouse splenocyte (OT1) were co-cultured with Xcr1+ cDC1s (DC), with or without stimulation of ovalbumin short peptide (short), ovalbumin synthetic long peptide (SLP) in Figure S3C and MOC1esc1-OVA (full length) cell lysate (MOC1esc1OVA) in Figure S3D. n=2-3.

E, F. Flow cytometric analysis of MOC1esc1 tumors (E) and DLNs (F) treated with intra-tumoral PBS or DC vaccine on days 1/4/7 post inoculation, and harvested on day 14 post tumor inoculation. (n=8, representative data of two independent experiments.)

G. Tumor weight measured on last day of experiment in Figure 3E.

H. Photo of tumors harvested in experiment shown in Figure 3E.

Individual data with mean ± SD are plotted in Figures S3C-G. Data were analyzed using the Mann-Whitney U Test to generate two-tailed P values in Figure S3E, F, and One-way ANOVA followed by Dunnett's multiple comparison was used for Figure S3G.