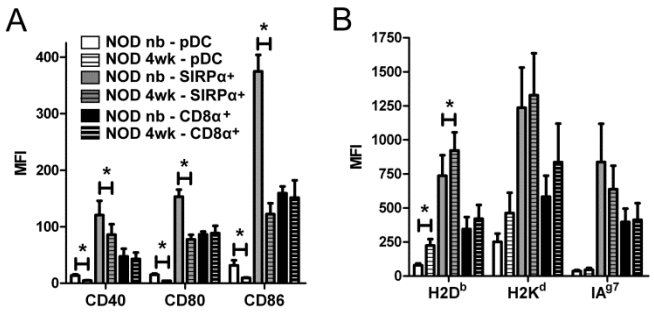
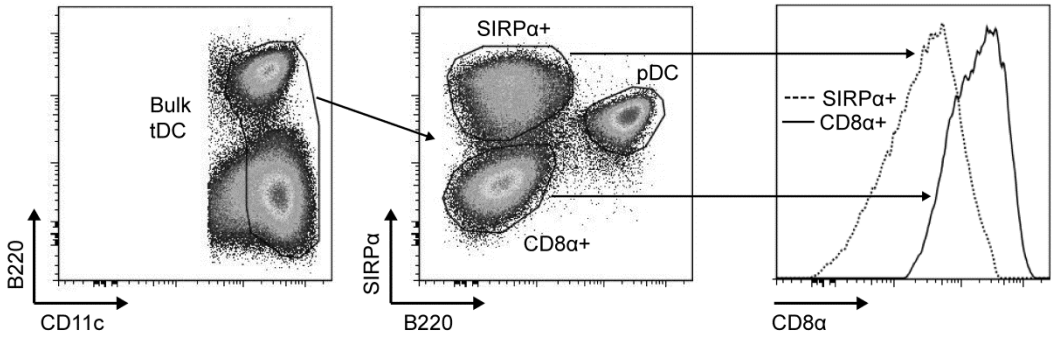
Supporting Information Table 1. MHC I and II protein processing primers for real-time PCR analysis.

Gene	Forward Primer	Reverse Primer
β actin	AGAGGGAAATCGTGCGTGAC	CACTAGTGATGACCTGGCCGT
β1	TGACCAAGGACGAATGTCTG	GATTTGGTCTCCCAAAAGCA
β2	CTGTCTTGGAAGCGGATTTC	GCAACAACCATCCCTTCAGT
β5i	CAGTCCTGAAGAGGCCTACG	CCAACCGTCTTCCTTCATGT
MEC-L	CTTTACTGCCCTTGGCTCTG	GTGATCACACAGGCATCCAC
CatS	GCCATTCCTCCTTCTTCTTCTACA	CAAGAACACCATGATTCACATTGC
H2DMα	TGAAGGTCAAATCCCAGTGTCC	AGCGGTCAATCTCGTGTGTCAC
H2DMβ	GTCCTCAGTCTGCACTGTATG	CAGCACCCCAAATTCACAG
TSSP	GGAGCCACCCAAGTACTGTT	AGCAGTGGGAAGCACTAGGA



Supporting Information Fig. 1. The 4 wk-old thymic DC do not exhibit an increased activation profile. NOD newborn and 4 wk-old thymic DC subsets were assessed via flow cytometry for the level of expression of (A) co-stimulatory or (B) MHC molecules. Data is the average mean fluorescent intensity (MFI) of $\geq$3 mice; *$p<0.05$ (Student's t-test).



Supporting Information Fig. 2. The gating strategy utilized to identify the thymic DC subsets. NOD 4 wk-old thymic DC were enriched using anti-CD11c beads and expression of B220, SIRPα, or CD8α determined by flow cytometry. The relative expression of CD8α was compared on $B220^{-}SIRP\alpha^{+}$ and $B220^{-}SIRP\alpha^{-}$ DC. pDC are defined as $CD11c^{int}B220^{+}$; $SIRP\alpha^{+}$ DC as $CD11c^{hi}SIRP\alpha^{+}B220^{-}CD8\alpha^{int}$, and $CD8\alpha^{+}$ DC as $CD11c^{hi}SIRP\alpha^{-}B220^{-}CD8\alpha^{hi}$.