Supplemental Figure 1

A

MHC Class II CD11c

B

MHC Class II CD11b

C

MHC Class II F4/80

D

MHC Class II Kit Avidin

Supplemental Figure 2

FP-R1 = Monocyte derived DCs
FP-R2 = CD11b^{low} DCs
FP-R3 = CD11c^{hi} DCs
FP-R4 = CD11c^{mid} DCs
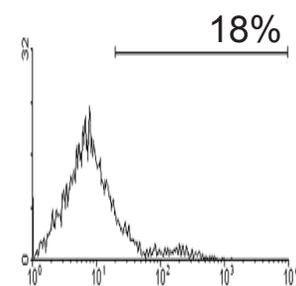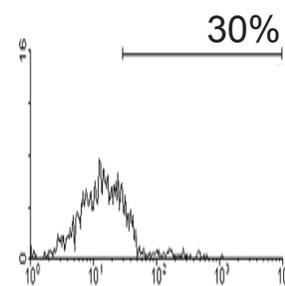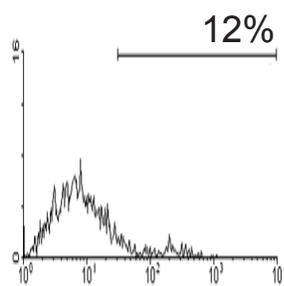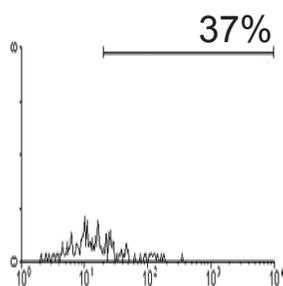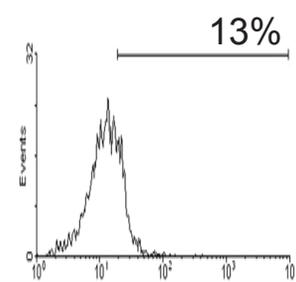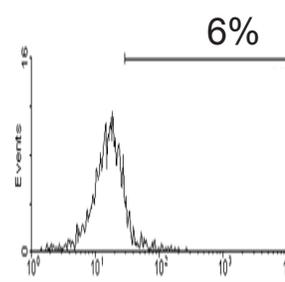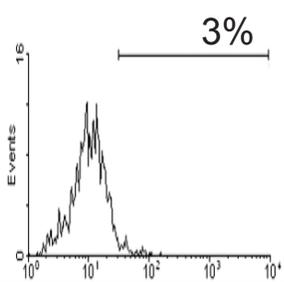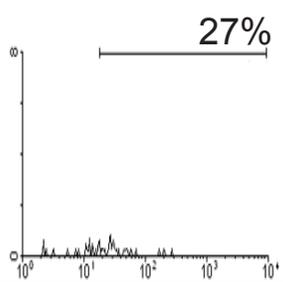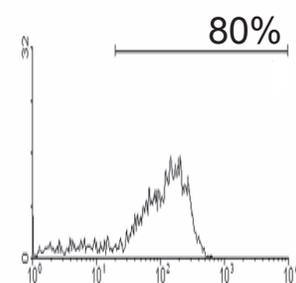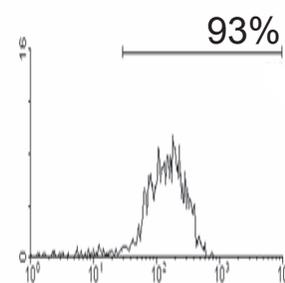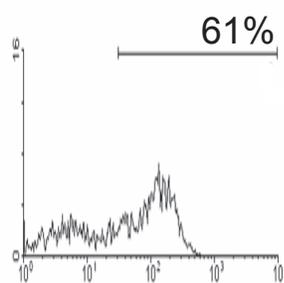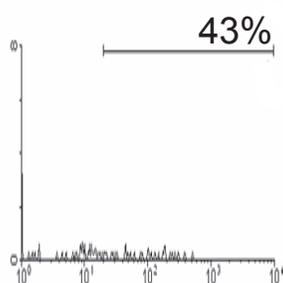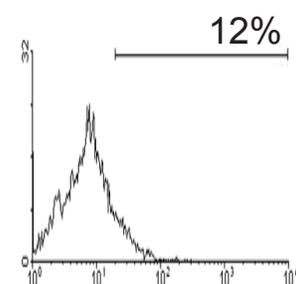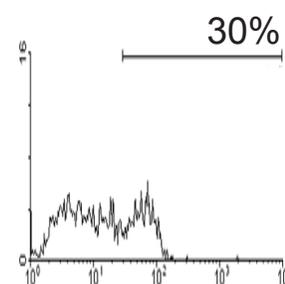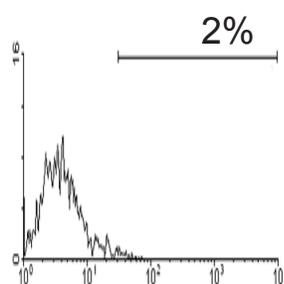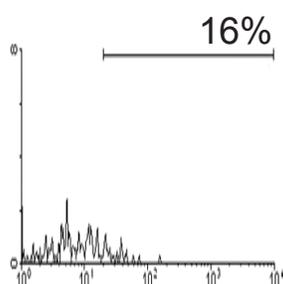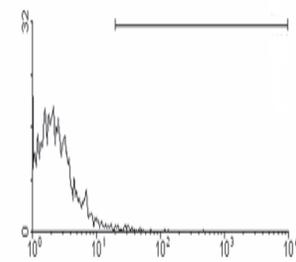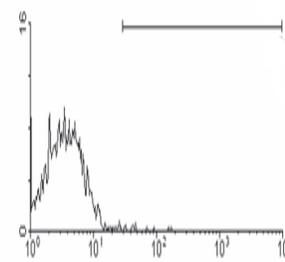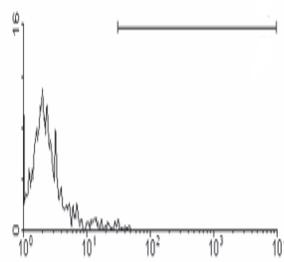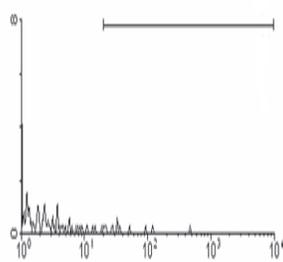
Supplemental Figure 3

FP-R1 = Monocyte derived DCs
FP-R2 = CD11b^{low} DCs
FP-R3 = CD11c^{hi} DCs
FP-R4 = CD11c^{mid} DCs

■ = Saline
□ = *E. coli*
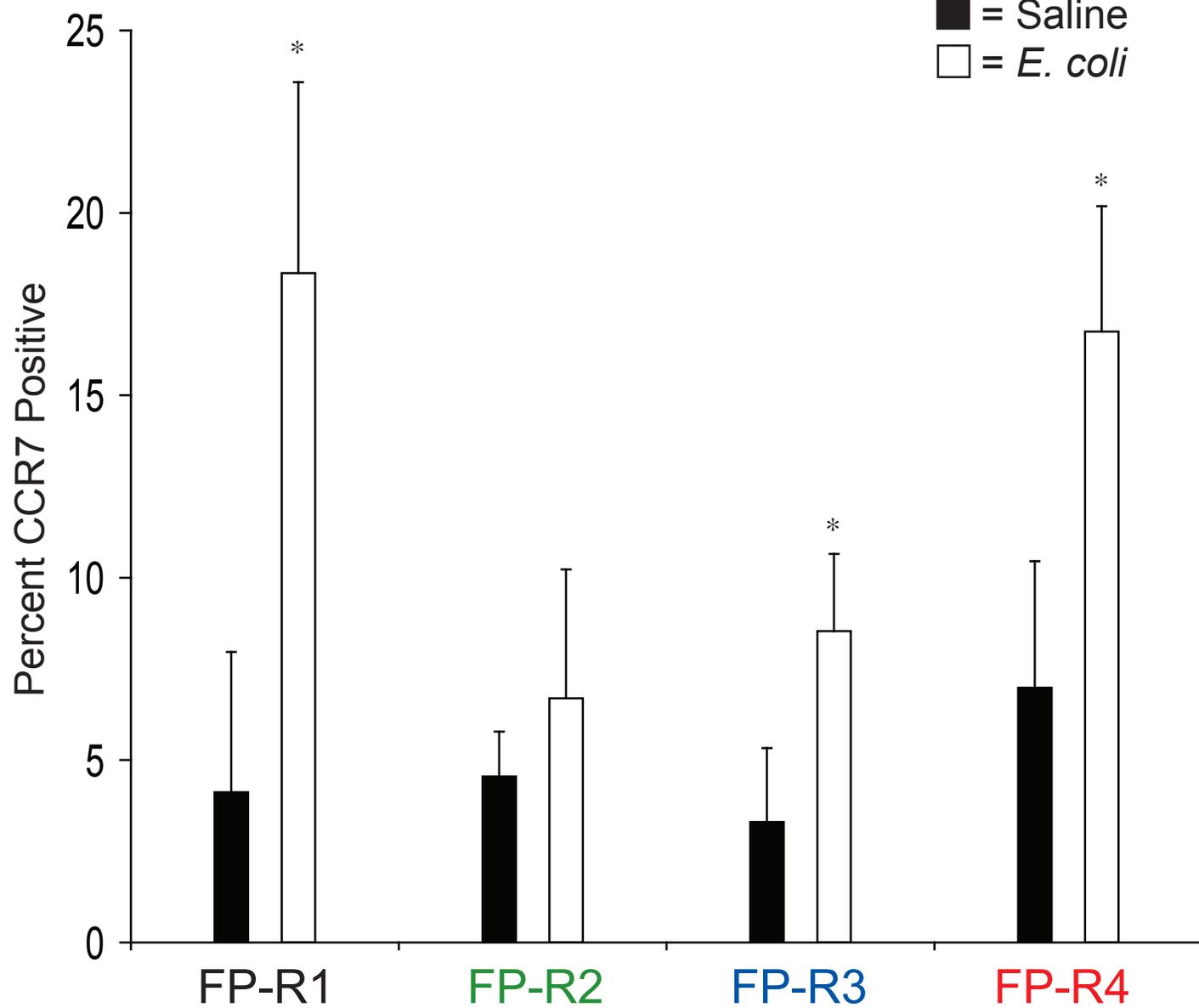
Supplemental Figure 4
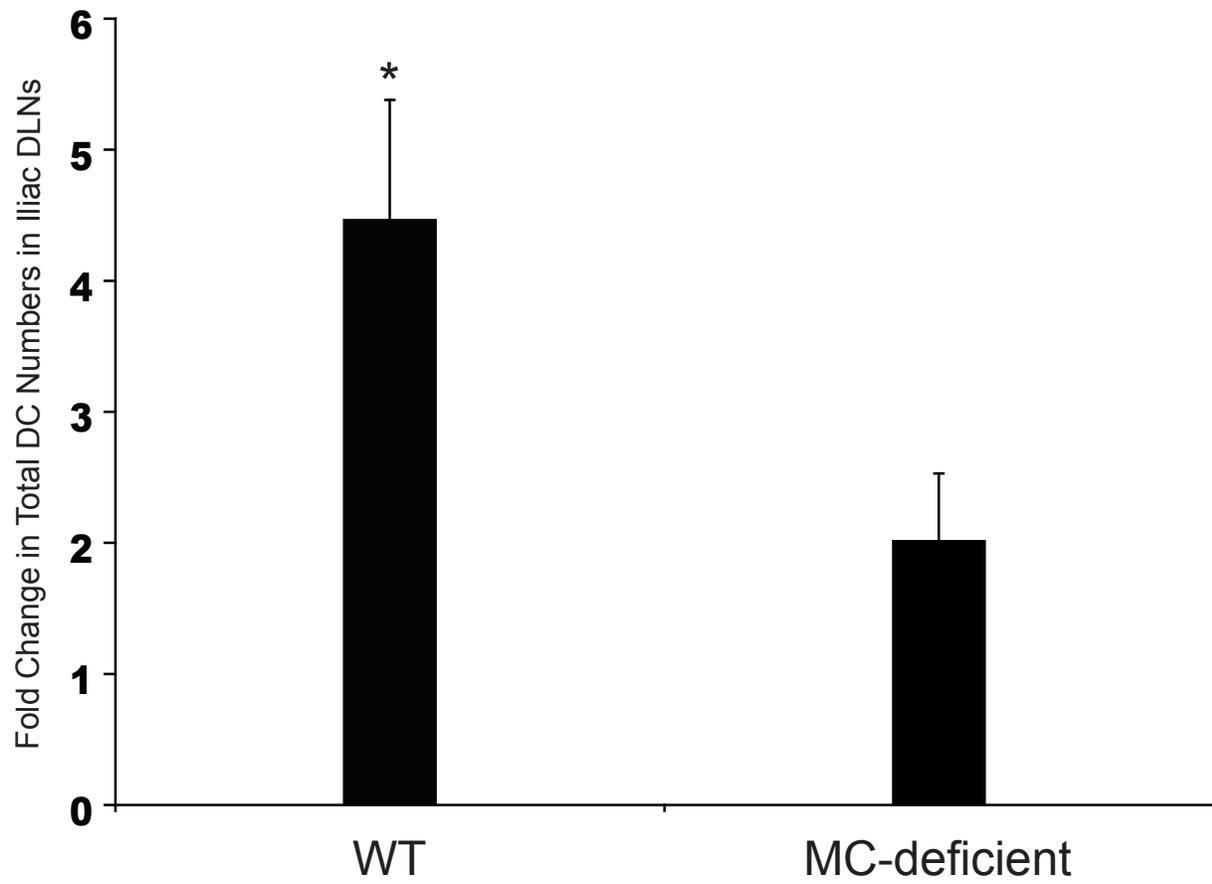
Supplemental Figure 5
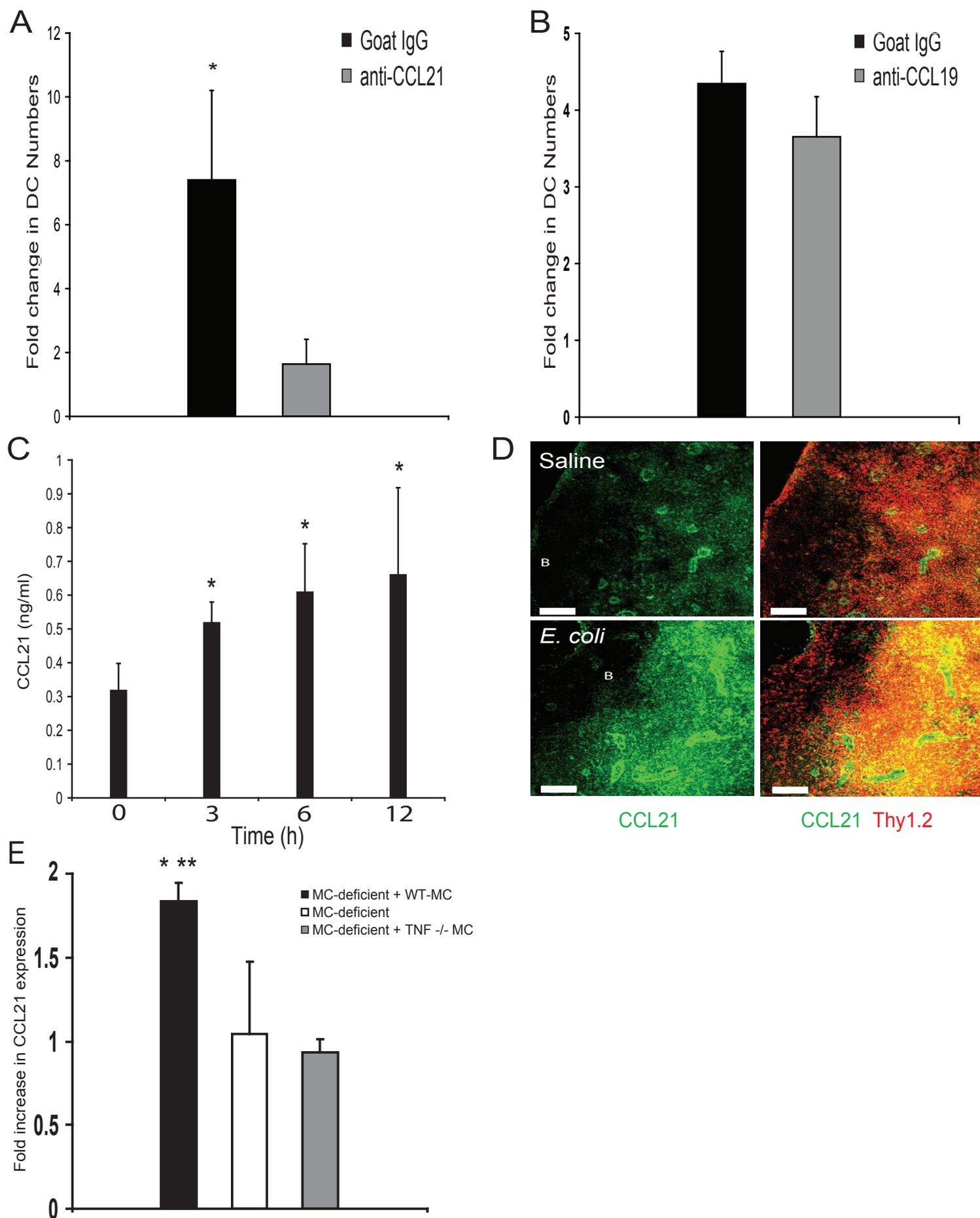
Supplemental Figure 6

A
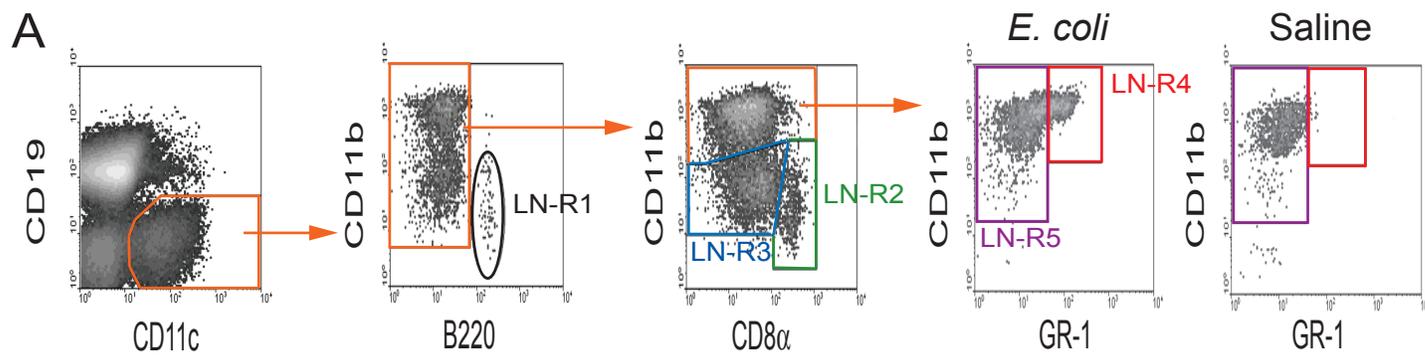
B

| DC Subsets	Markers	Subset	Total Numbers: Saline	Percent Total DC: Saline	Total Numbers: E. coli	Percent Total DC: E. coli	p Value*
Plasmacytoid DCs	CD11c+CD11b- B220+(Asselin-Paturel et al., 2001; Nakano et al., 2001)	LN-R1	347±197	5.5%	982±716	5.8%	0.04
CD8α+ DCs	CD11c+CD11b-B220-CD8α+(Vremec and Shortman, 1997)	LN-R2	374±198	5.4%	1582±674	9.8%	0.0004
Langerhans cells/dermal DCs	CD11c+CD11bmidB220-CD8α-(Henri et al., 2001; Iezzi et al., 2006; Kamath et al., 2002; Leon et al., 2007)	LN-R3	3756±996	56.9%	6424±1616	41.6%	0.0019
Monocyte-derived DCs	CD11c+CD11bhiB220-CD8α-GR1+(Leon et al., 2007)	LN-R4	23±21	.3%	771±350	4.8%	0.00007
CD11bhi	CD11c+CD11bhiB220-CD8α-GR1-	LN-R5	2170±893	31.9%	6238±2640	38.1%	0.0017

* p values comparing total numbers within each DC subset from saline and *E. coli* challenged samples using Student's T-test.

C

Supplemental Figure 7