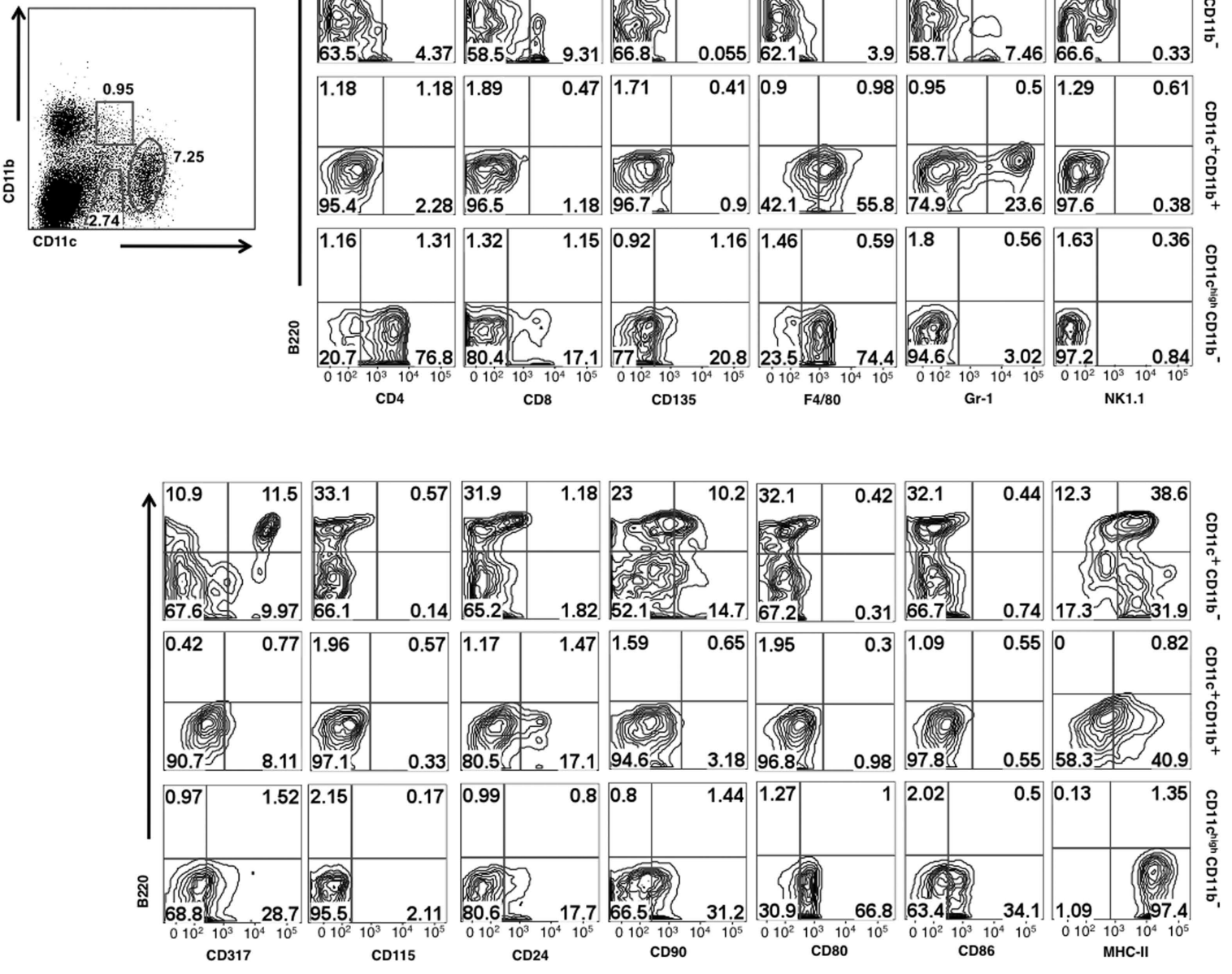
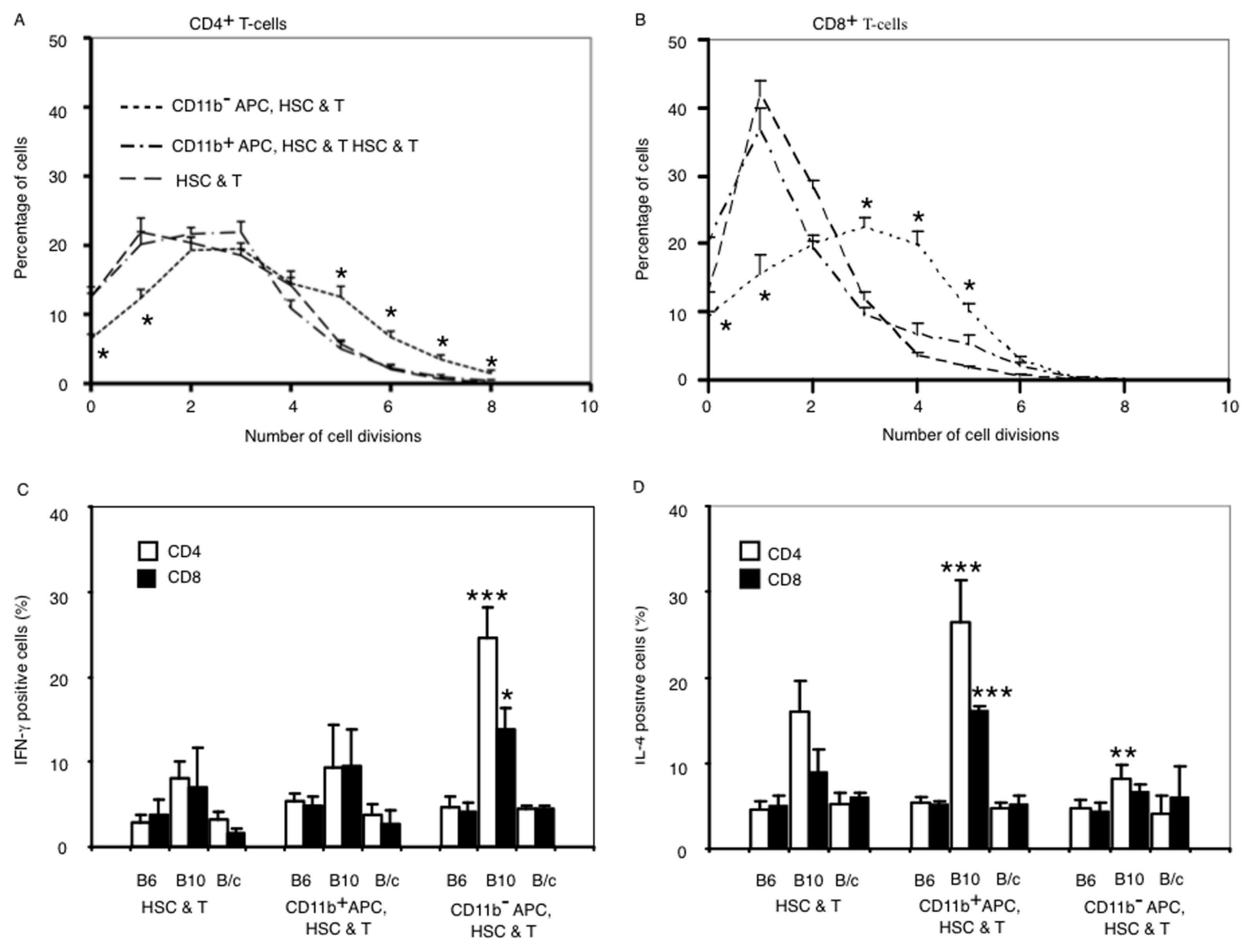
SUPPLEMENTARY FIGURE

SUPPLEMENTAL FIGURE 1. Phenotypes of CD11b^{-} and CD11b^{+} APC subsets from spleen. Splenocytes were isolated from B6 spleen and stained with biotinated lineage antibodies (CD3, CD19, Ig M, TER119, and DX5), followed by incubation with streptavidin APC, CD11c FITC, CD11b APC-Cy7, and PE conjugated antibodies for CD4, CD8, CD135 (FLT3), F4/80, Gr-1 (Ly6G/C), NK1.1, CD317 (PDCA-1), CD115, CD24, CD90, CD80, CD86 and I-A^{b} (MHC-II) and PE conjugated isotype matched antibody. Cells were gated on CD11c^{hi} CD11b$^{(lo/neg)}$ and CD11c$^{+(lo\ and\ medium)}$ CD11bneg, and CD11c$^{+\ (lo\ and\ medium)}$ CD11b^{+}. FACS plots are from a single experiment representative of 5 replicate experiments.


0.95
7.25
2.74
CD11b
CD11c
B220
CD11c+ CD11b-
CD11c+CD11b+
CD11chigh CD11b-
17
15.2
63.5
4.37
28.3
3.93
58.5
9.31
32.6
0.47
66.8
0.055
32.8
1.05
62.1
3.9
25.3
8.53
58.7
7.46
32.5
0.58
66.6
0.33
1.18
1.18
95.4
2.28
1.89
0.47
96.5
1.18
1.71
0.41
96.7
0.9
0.9
0.98
42.1
55.8
0.95
0.5
74.9
23.6
1.29
0.61
97.6
0.38
1.16
1.31
20.7
76.8
1.32
1.15
80.4
17.1
0.92
1.16
77
20.8
1.46
0.59
23.5
74.4
1.8
0.56
94.6
3.02
1.63
0.36
97.2
0.84
0 10^2 10^3 10^4 10^5
CD4
CD8
CD135
F4/80
Gr-1
NK1.1
10.9
11.5
67.6
9.97
33.1
0.57
66.1
0.14
31.9
1.18
65.2
1.82
23
10.2
52.1
14.7
32.1
0.42
67.2
0.31
32.1
0.44
66.7
0.74
12.3
38.6
17.3
31.9
0.42
0.77
90.7
8.11
1.96
0.57
97.1
0.33
1.17
1.47
80.5
17.1
1.59
0.65
94.6
3.18
1.95
0.3
96.8
0.98
1.09
0.55
97.8
0.55
0
0.82
58.3
40.9
0.97
1.52
68.8
28.7
2.15
0.17
95.5
2.11
0.99
0.8
80.6
17.7
0.8
1.44
66.5
31.2
1.27
1
30.9
66.8
2.02
0.5
63.4
34.1
0.13
1.35
1.09
97.4
CD317
CD115
CD24
CD90
CD80
CD86
MHC-II

SUPPLEMENTARY FIGURE

SUPPLEMENTAL FIGURE 2. Enhanced *ex vivo* alloantigen specific T-cell proliferation and Th1 cytokine polarization of donor T-cells from recipients of CD11b$^-$ APC. B6 donor T-cells were isolated from the spleens of recipient mice on day 15 post-transplant by negative MACS selection using a cocktail of antibodies (Methods) plus anti-CD45.2. CFSE-labeled donor T-cells were cultured with irradiated (30Gy) B6 syngenic, B10 recipient-type, or B/c third-party splenocytes. **A-B,** Numbers of cell divisions in **(A)** CD4$^+$ and **(B)** CD8$^+$ donor T-cells following MLR co-culture with B10 splenocytes (minimal proliferation was seen for T-cells co-cultured with syngenic B6 or B/c stimulators, data not shown). **C-D,** Percentages of B6 CD4$^+$ and CD8$^+$ T-cells harvested day 15 post-transplant expressing IFN-γ or IL-4 after 3 days MLR culture against syngenic, recipient, or B/c third-party splenocytes, determined by intracellular cytokine staining. *$p<0.05$, **$p<0.01$, ***$p<0.001$, comparing results from HSC & T-cell group with those from groups that also received APC.


A
CD4+ T-cells
CD11b- APC, HSC & T
CD11b+ APC, HSC & T HSC & T
HSC & T
Percentage of cells
Number of cell divisions
B
CD8+ T-cells
Percentage of cells
Number of cell divisions
C
CD4
CD8
IFN-γ positive cells (%)
B6 B10 B/c
HSC & T
CD11b+APC, HSC & T
CD11b- APC, HSC & T
D
CD4
CD8
IL-4 positive cells (%)
B6 B10 B/c
HSC & T
CD11b+APC, HSC & T
CD11b- APC, HSC & T