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Supplementary Information for

CD81 costimulation skews CAR transduction toward Naive T cells

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This PDF file includes:

Figs. S1, S2

Supplementary Information

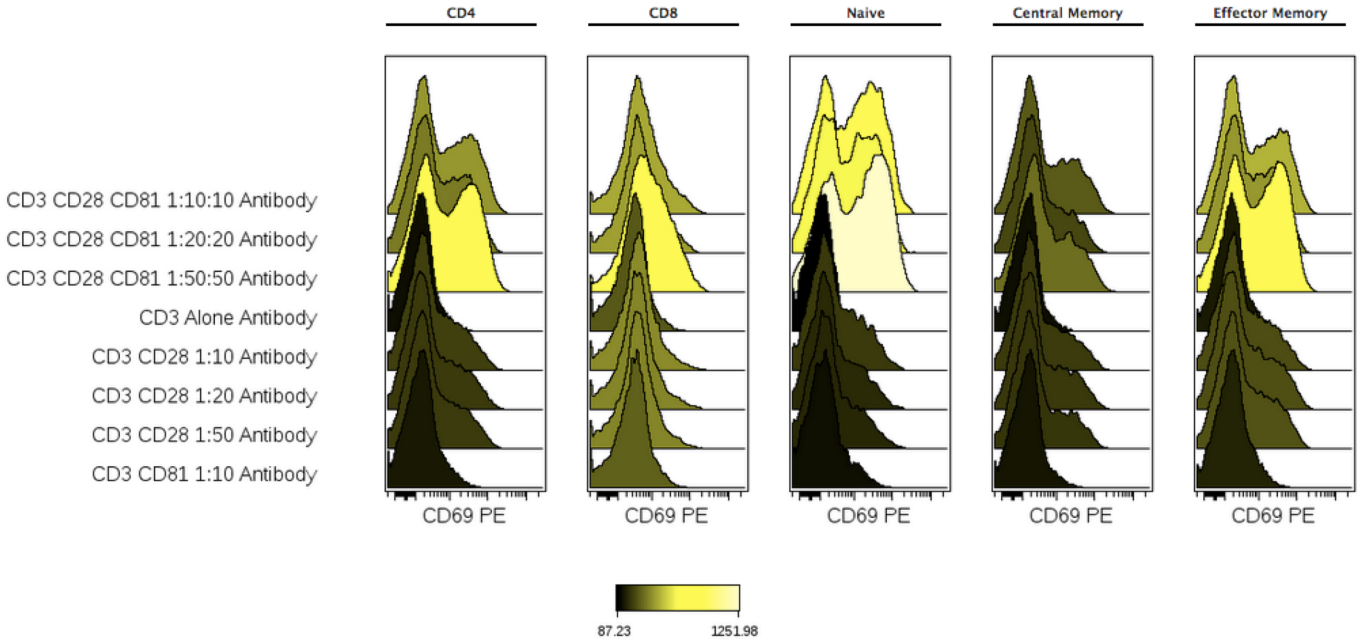

Fig. S1. **Costimulation by CD3/CD28/CD81 as compared to CD3/CD28 induces activation at lower cumulative antibody conditions.**
T cells were activated with varying ratios of the indicated antibodies. CD4, CD8, naive, central memory and effector memory cells were gated as per gating strategy illustrated in Figure 1 and CD69 was used to measure activation.

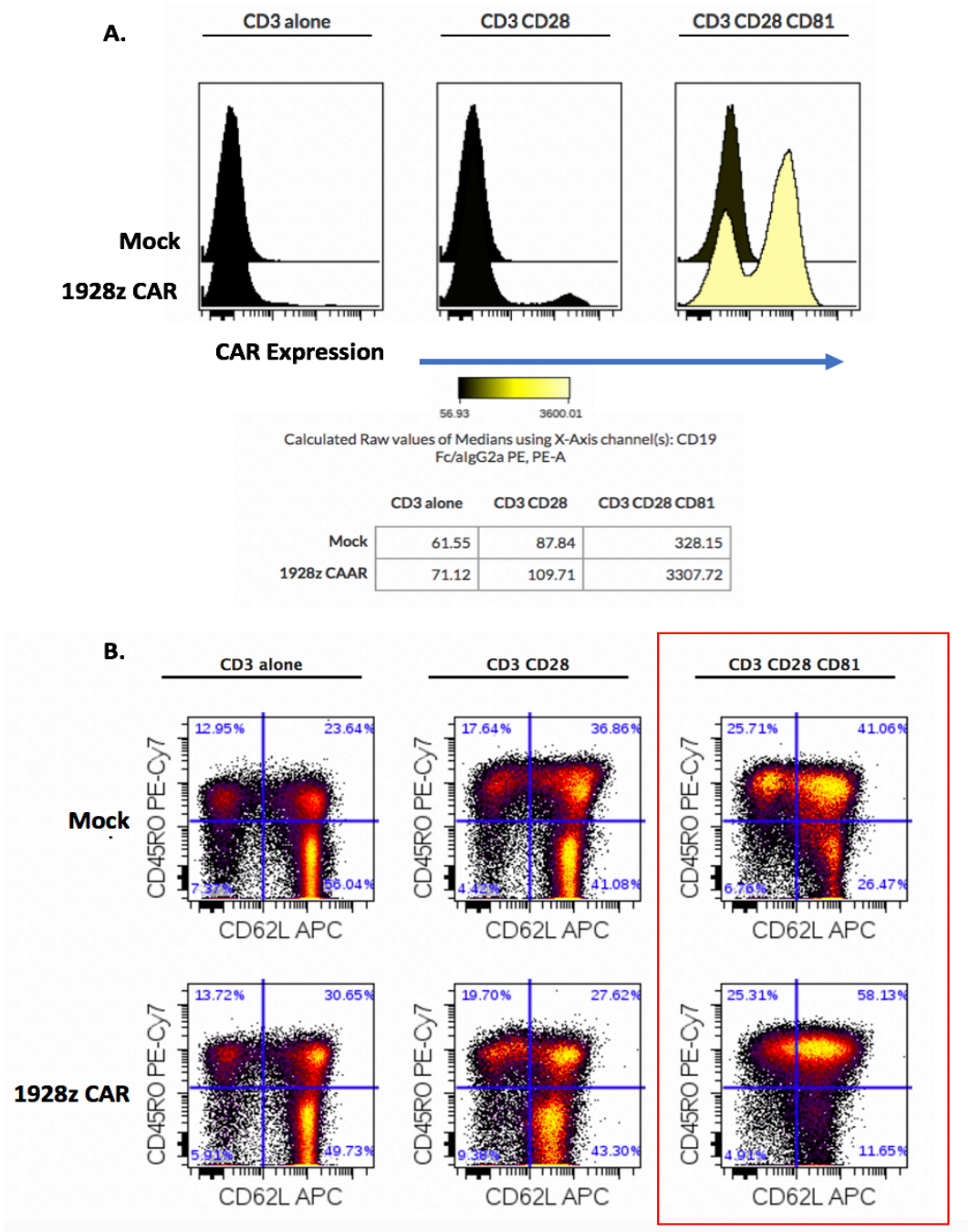

Fig. S2. **CAR activation and transduction processes induce T cell surface remodeling.**
Unselected T cells were activated with indicated conditions and retrovirally transduced to express 1928z CAR. (A) CD19-Fc is used to demonstrate CAR transduction across differentially activated cells. (B) Surface antibody phenotyping illustrate T cell subset distribution following CAR transduction. Phenotype shifts in CAR T cells costimulated with CD81 are outlined in red. Data representative of 3 experiments.