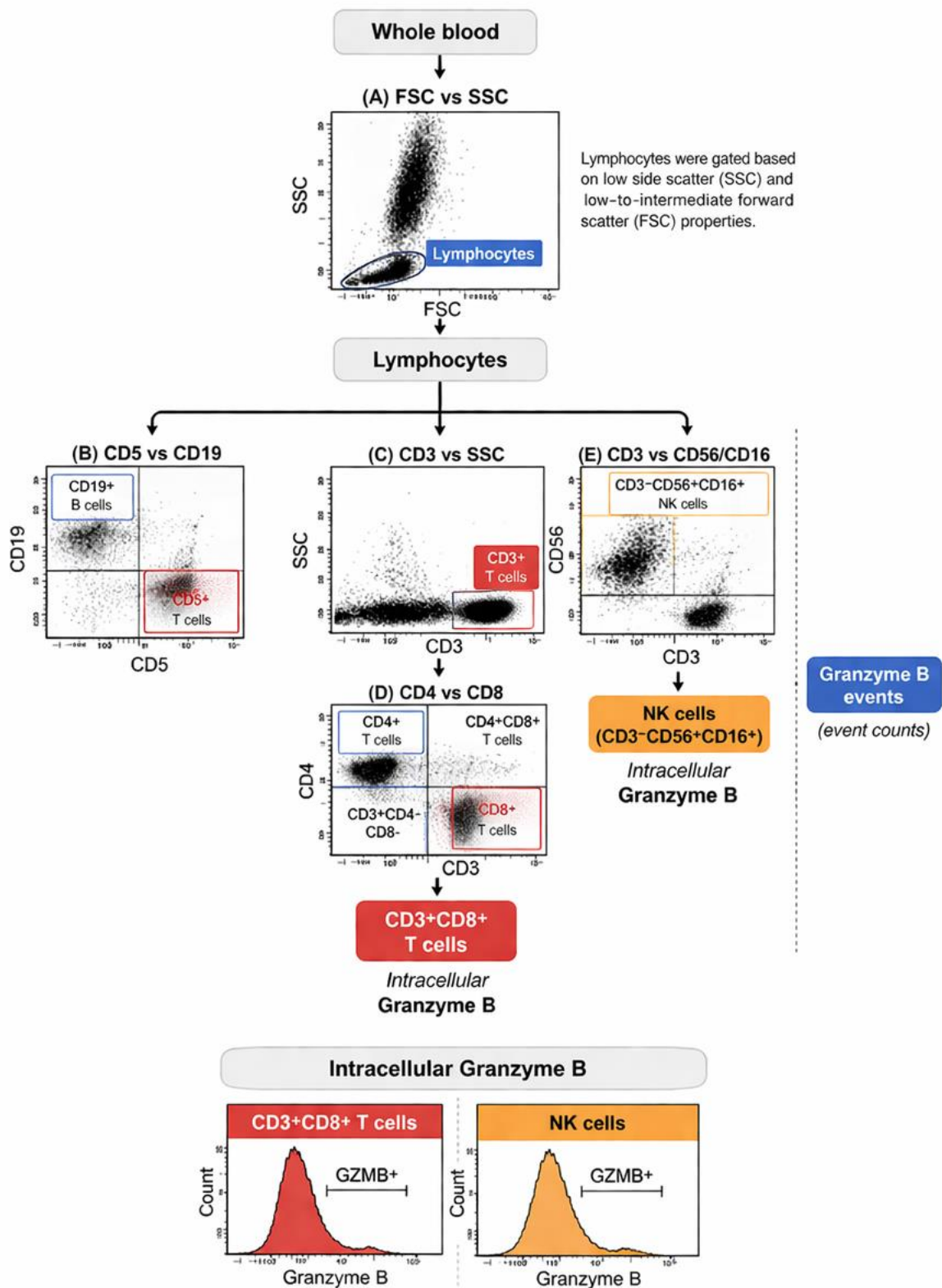




**Supplementary Figure S1. Representative gating strategy used for flow cytometric identification of lymphocyte subsets and granzyme B-positive populations.** Whole blood samples were first gated based on forward scatter (FSC) and side scatter (SSC) to identify lymphocytes. T and B lymphocytes were distinguished using CD5 and CD19 expression. CD3<sup>+</sup> T cells were identified within the lymphocyte gate and further subdivided into CD4<sup>+</sup> and CD8<sup>+</sup> T-cell subsets using CD4 vs CD8 plots. CD3<sup>+</sup>CD8<sup>+</sup> T cells were used for intracellular granzyme B analysis. In parallel, NK cells were identified as CD3<sup>-</sup>CD56<sup>+</sup>CD16<sup>+</sup> cells and were also analyzed for intracellular granzyme B expression. Extracellular granzyme B-positive events were quantified separately as event counts. CD3<sup>+</sup>CD8<sup>+</sup> T cells were expressed as a percentage of the CD3<sup>+</sup> T-cell population.