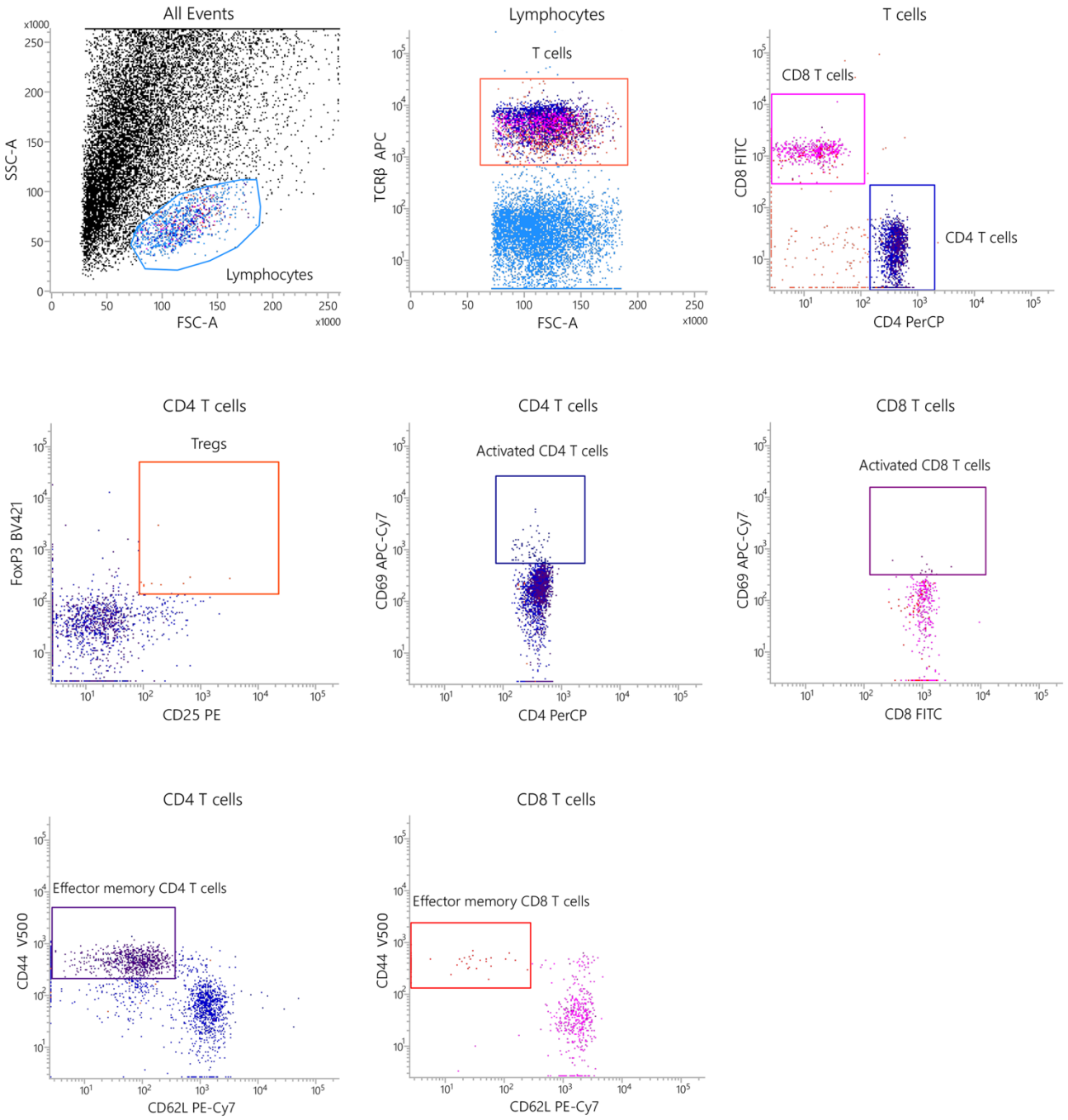
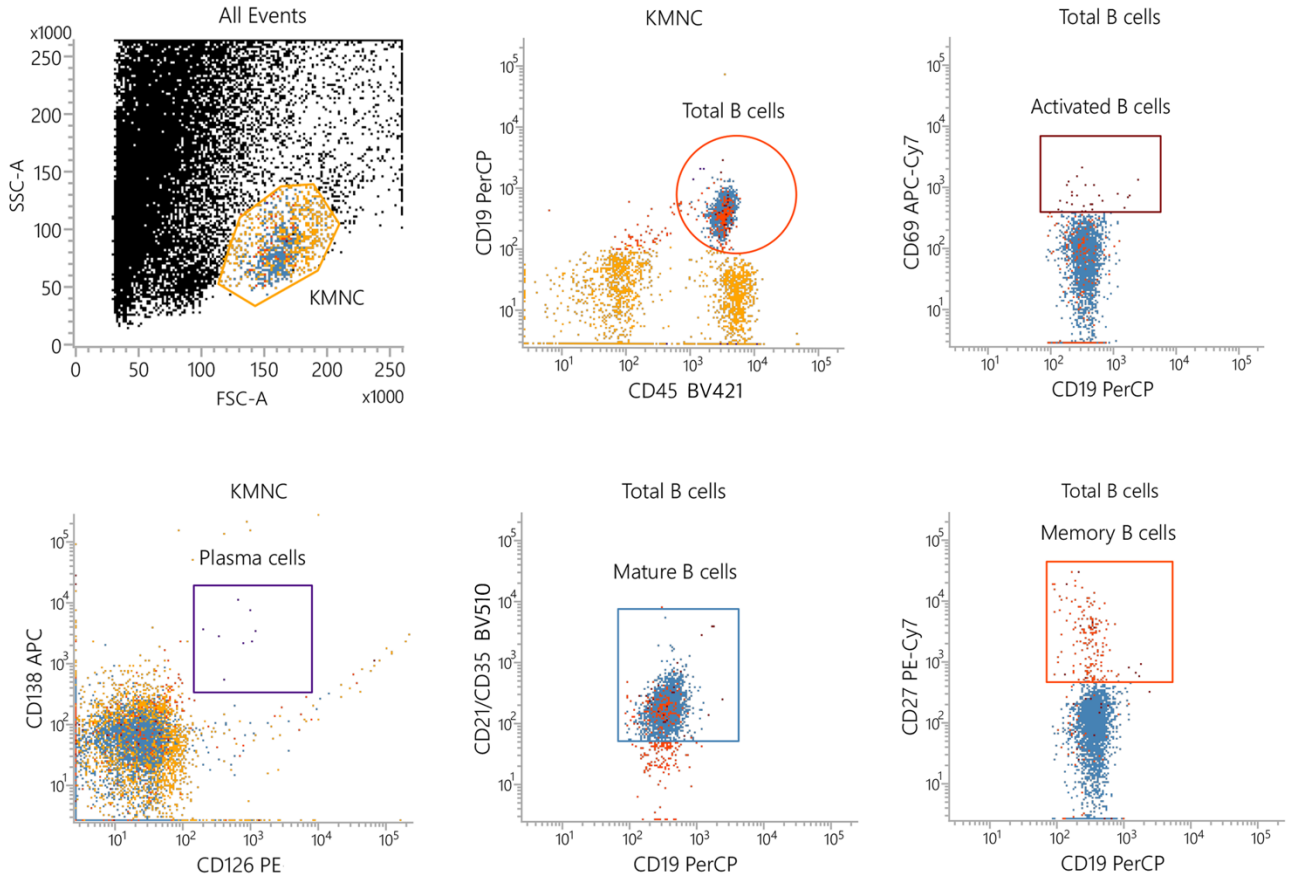
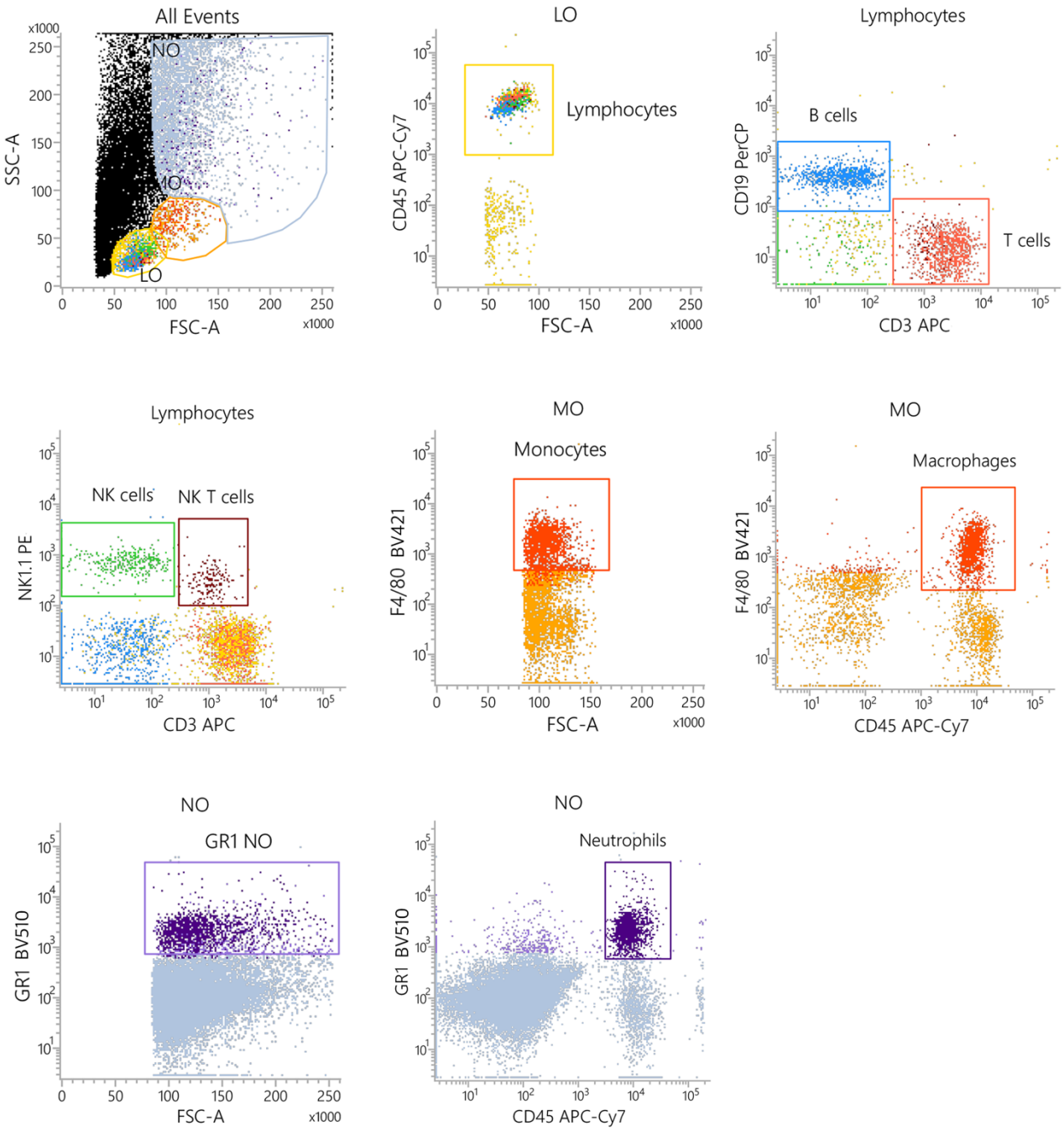


Supplemental Figure 1: Flow cytometry gating strategies for T cell subsets. KMNCs were stained with anti-TCRβ APC, anti-CD4 PerCP, anti-CD8 FITC, anti-CD25 PE, anti-FoxP3 BV421, anti-CD69 APC-Cy7, anti-CD44 V500, and anti-CD62L PE-Cy7. Lymphocytes were first identified with forward scatter (FSC) and side scatter (SSC) gates. TCRαβ^{+} cells were gated and then analyzed for the expression of CD4 and CD8. Regulatory T cells were identified by the CD25^{+} and FoxP3^{+} gates within CD4^{+} T cells. Activated CD4 T and CD8 T cells were identified by the CD69^{+} gate within CD4 and CD8 T cells, respectively. Effector memory CD4 and CD8 T cells were identified by the CD44^{high} and CD62L^{-} gates within CD4 and CD8 T cells, respectively.



Supplemental Figure 2: Flow cytometry gating strategies for B cell subsets. KMNCs were stained with anti-CD45 BV421, anti-CD19 PerCP, anti-CD69 APC-Cy7, anti-CD126 PE, anti-CD138 APC, anti-CD21/35 BV510, and anti-CD27 PE-Cy7. Lymphocytes were first identified with FSC and SSC gates. Total B cells were identified by the $CD45^+$ and $CD19^+$ gates within the FSC and SSC based lymphocytes gate. Activated B cells were identified by the $CD69^+$ gate within total B cells. Plasma cells were identified by the $CD126^+$ and $CD138^+$ gates within the FSC and SSC based lymphocytes gate. Mature B cells were identified by the $CD21/35^+$ gate within total B cells. Memory B cells were identified by the $CD27^+$ gate within total B cells.



Supplemental Figure 3: Flow cytometry gating strategies for NK cells, NK T cells, macrophages, and neutrophils. KMNCs were stained with anti-CD45 APC-Cy7, anti-CD3 APC, anti-CD19 PerCP, anti-NK1.1 PE, anti-F4/80 BV421, and anti-GR1 BV510. Lymphocytes (yellow color), monocytes (orange color), and granulocytes (light blue color) were first identified based on their FSC and SSC. $CD45^+$ cells were gated to identify lymphocytes within FSC and SSC based lymphocytes population. NK T cells were identified by the $CD3^+$ and $NK1.1^+$ gates within the lymphocytes gate. NK cells were identified by the $CD3^-$ and $NK1.1^+$ gates within lymphocytes. Macrophages were identified by the $CD45^+$ and $F4/80^+$ gates within the FSC and SSC based monocyte population. Neutrophils were identified by the $CD45^+$ and $GR1^+$ gates within the FSC and SSC based granulocyte population.