

Figure S1. Flow cytometry analysis of the purity of isolated GC B cells with different gating sequences, related to flow cytometry analysis following Step 31

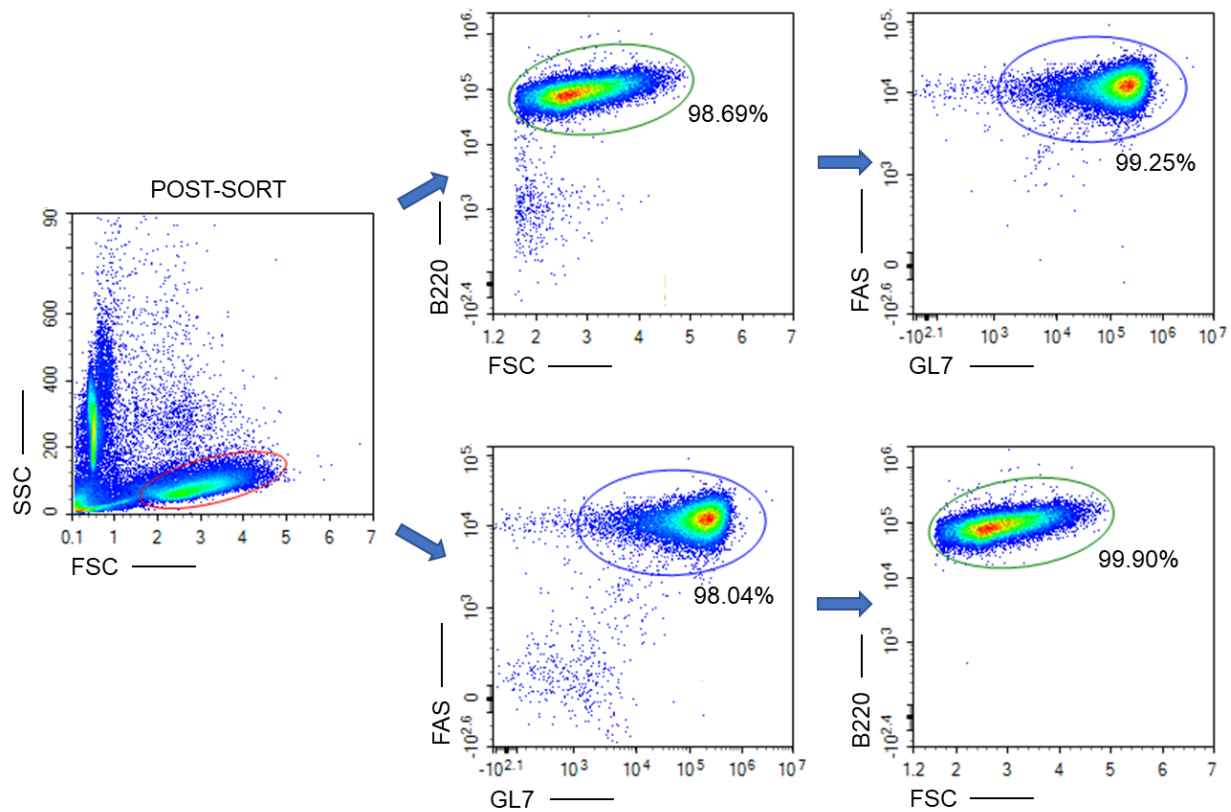


Figure S1: Flow cytometry analysis of the purity of isolated GC B cells with different gating sequences, related to flow cytometry analysis following Step 31. Using gating sequence of lymphocytes > B220 > GL7/FAS, the purity of B220⁺ cells and B220⁺GL7⁺FAS⁺ cells are 98.69% and 99.25% respectively (Upper). The final purity of B220⁺GL7⁺FAS⁺ GC B cells is 98.69% x 99.25% = 97.94%. Using gating sequence of lymphocytes > GL7/FAS > B220, the purities of GL7⁺FAS⁺ cells and GL7⁺FAS⁺B220⁺ cells are 98.04% and 99.90% respectively (Lower). The final purity of B220⁺GL7⁺FAS⁺ GC B cells is 98.04% x 99.90% = 97.94%. Therefore, the results of purity are not affected by the gating sequences.

Figure S2. Flow cytometry analysis of non-viable cells in isolated GC B cells, related to Step 24

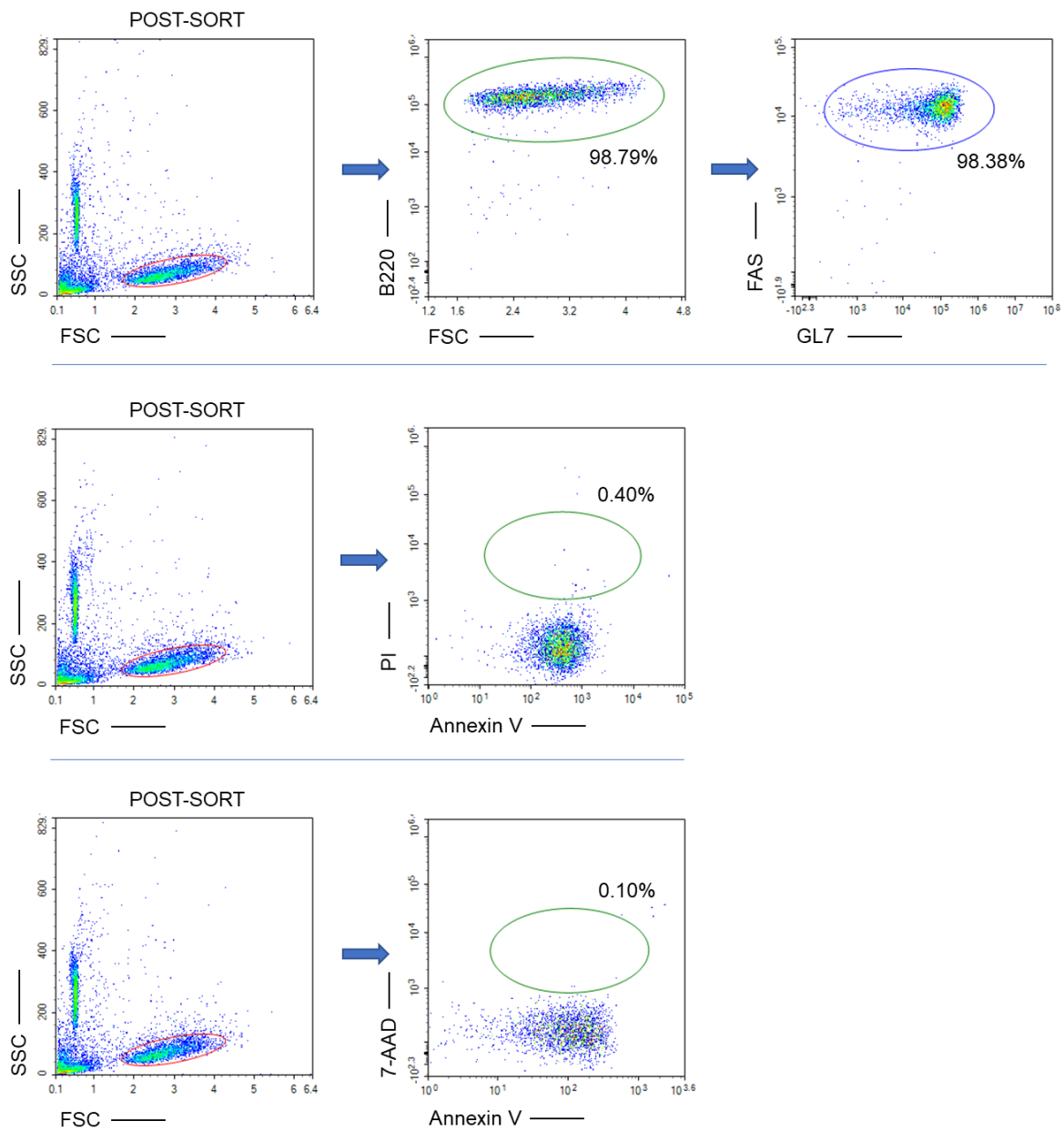


Figure S2: Flow cytometry analysis of non-viable cells in isolated GC B cells, related to Step 24. A representative analysis showing the proportions of B220⁺GL7⁺FAS⁺ GC B cells (Upper), propidium iodide (PI)⁺Annexin V⁺ non-viable cells (Middle), and 7-AAD⁺Annexin V⁺ non-viable cells (Lower) in an isolated GC B cell population.