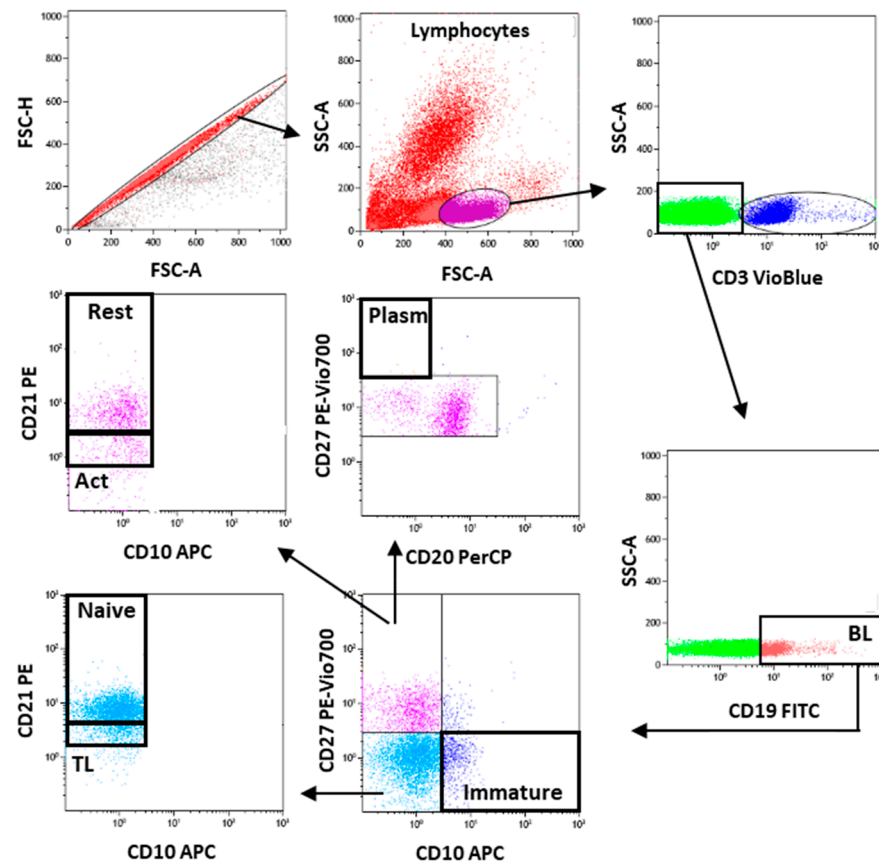




Supplementary Figure S1. Flow-cytometric gating strategy for B-cell subpopulation analysis for representative sample. After singlet cells were gated (FSC-A/FSC-H dot plot), positive cells for live/dead and anti-CD3 were excluded. B lymphocytes (BL, CD3⁻ CD19⁺) were plotted according to the expression of CD10 and CD27. Six B-cell subpopulations were further defined as: immature/transitional (CD10⁺ CD27⁻), naïve (CD10⁻ CD27⁻ CD21^{hi}), tissue-like memory (TL, CD10⁻ CD27⁺ CD21^{lo}), resting memory (Rest, CD10⁺ CD27⁺ CD21^{hi}), activated memory (Act, CD10⁺ CD27⁺ CD21^{lo}), and plasmablasts (Plasm, CD10⁻ CD27⁺ CD20⁺ CD21^{lo}). FSC-A, forward scatter-area; SSC-A, side scatter-area; FSC-H, forward scatter-height.