



Supplementary Figure 4: Gating strategy of B cell subtype selection by flow cytometry.

Upper pannels : selection of single leucocytes based on their size (FSC-A and SSC-A), single cells based on FSC-A and FSC-H, and selection of total B cells based on the expression of B220 and IgM markers.

Lower pannels : we used CD21/35 to select B2 cells and used CD23 to discriminate the MZ and FO cells. MZ cells are (B220⁺IgM⁺CD21/35^{high}CD23⁻), FO cells are (B220⁺IgM⁺CD21/35^{low}CD23⁺). From B (B220⁺IgM⁺) cells, CD5 discriminates B1-A and B1-b : B1-a cells are CD5⁺, B1-b cells are CD5⁻.