

## Electronic Supplementary Material

### **Divergent Primary Immune Responses Induced by Human Immunodeficiency Virus-1 gp120 and Hepatitis B Surface Antigen Determine Antibody Recall Responses**

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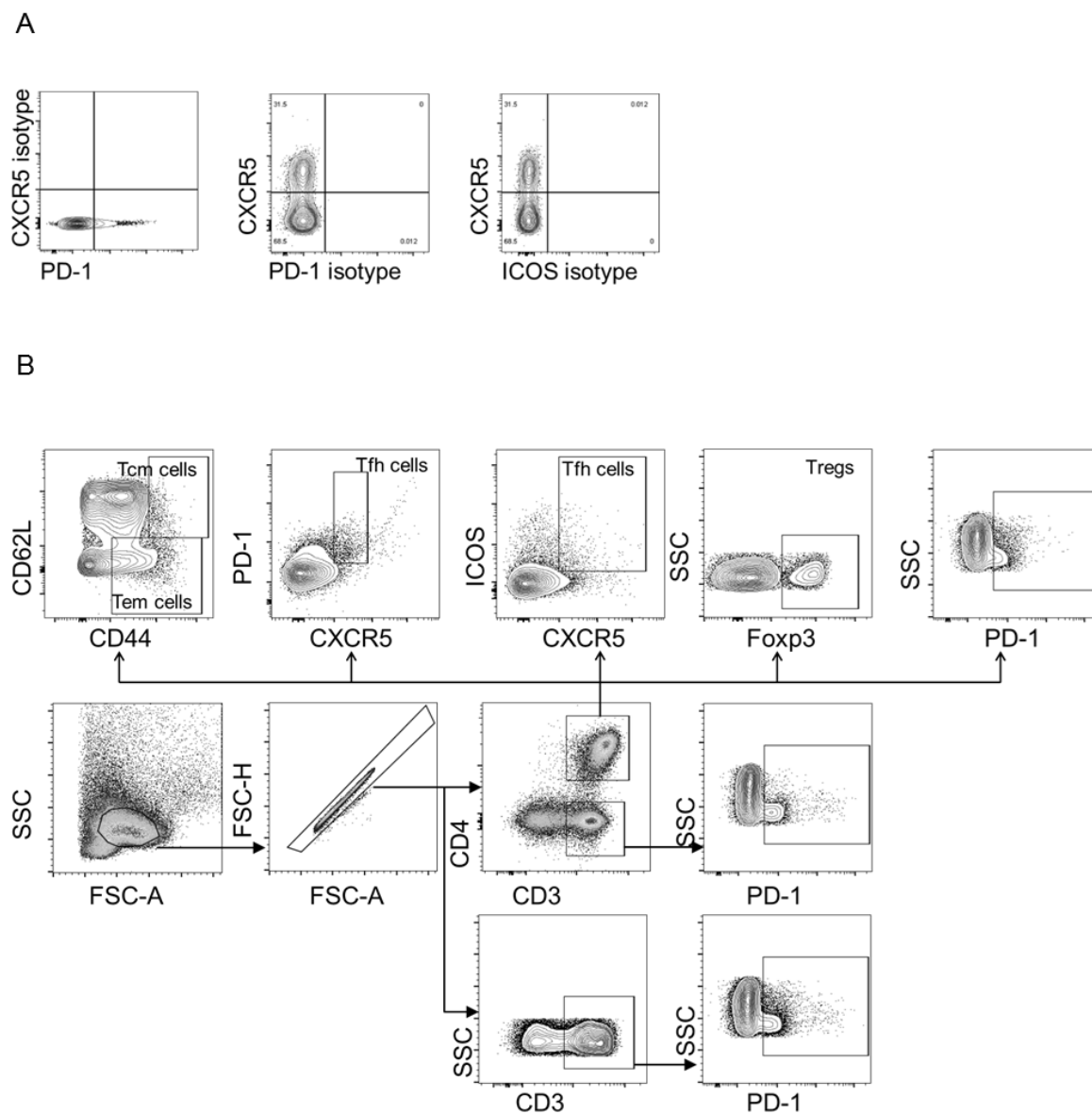


Fig. S1. Isotype control settings and gating strategies for T-cell subsets from mouse dLNs ( $n = 4$  per group). **(A)** Positive and negative boundaries were determined using fluorescence minus one controls of corresponding isotype antibodies. **(B)** PD-1<sup>+</sup> Tfh cells, ICOS<sup>+</sup> Tfh cells, Tregs, Tem cells, and Tcm cells were gated as PD-1<sup>+</sup>CXCR5<sup>+</sup>CD3<sup>+</sup>CD4<sup>+</sup>, ICOS<sup>+</sup>CXCR5<sup>+</sup>CD3<sup>+</sup>CD4<sup>+</sup>, Foxp3<sup>+</sup>CD3<sup>+</sup>CD4<sup>+</sup>, CD44<sup>+</sup>CD62L<sup>-</sup>CD3<sup>+</sup>CD4<sup>+</sup>, and CD44<sup>hi</sup>CD62L<sup>+</sup>CD3<sup>+</sup>CD4<sup>+</sup> cell subsets, respectively.

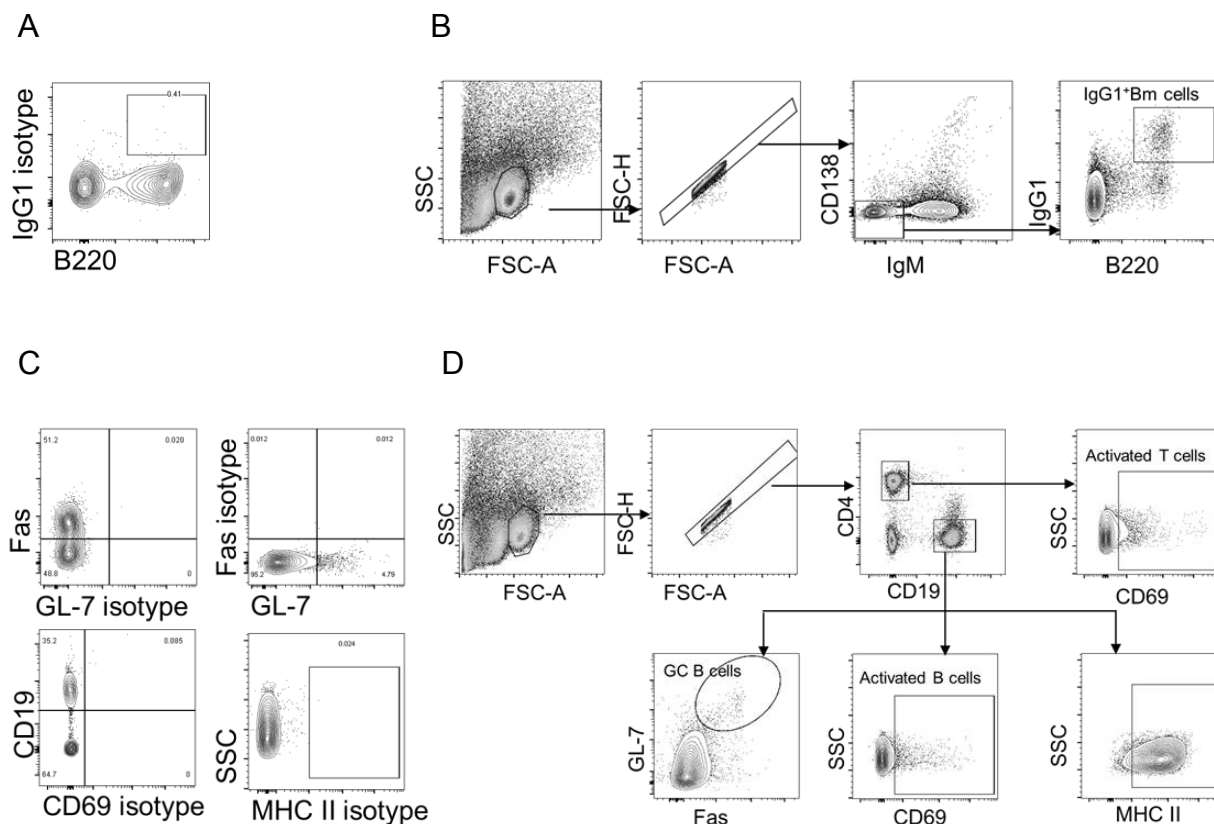


Fig. S2. Isotype control settings and gating strategies for B cell subsets from mouse dLNs ( $n = 4$  per group). **(A, C)** Positive and negative boundaries were determined using fluorescence minus one controls of corresponding isotype antibodies. **(B)** IgG1<sup>+</sup> Bm cells were gated as IgG1<sup>+</sup>B220<sup>+</sup>IgM<sup>-</sup>CD138<sup>-</sup> cell subsets. **(D)** GC B cells, activated B cells, and activated T cells were gated as Fas<sup>+</sup>GL-7<sup>+</sup>CD19<sup>+</sup>CD4<sup>+</sup>, CD69<sup>+</sup>CD19<sup>+</sup>CD4<sup>+</sup>, and CD69<sup>+</sup>CD19<sup>-</sup>CD4<sup>+</sup> cell subsets, respectively.