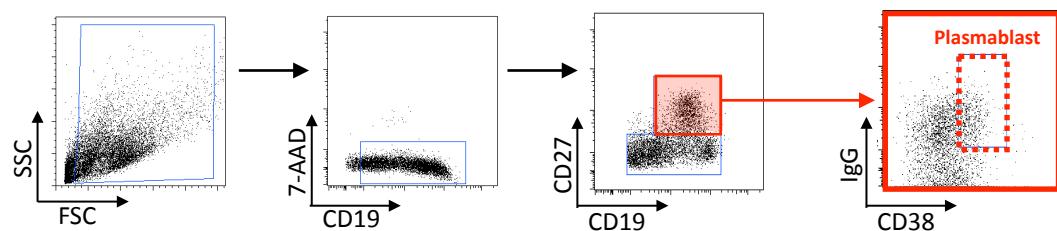


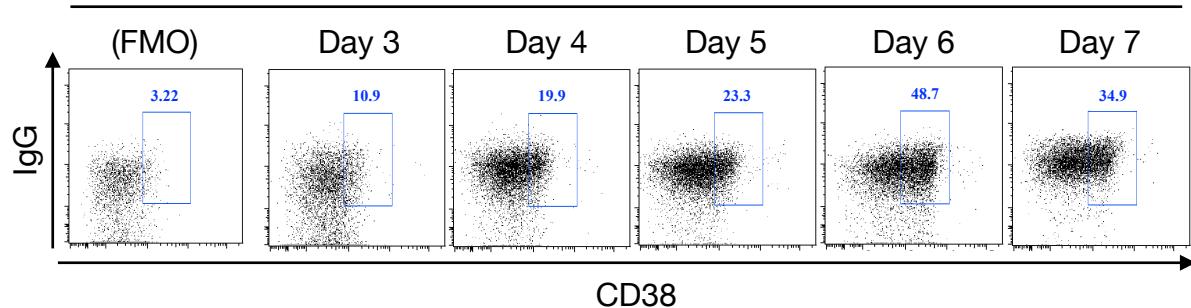
Supplementary Figure 1

A

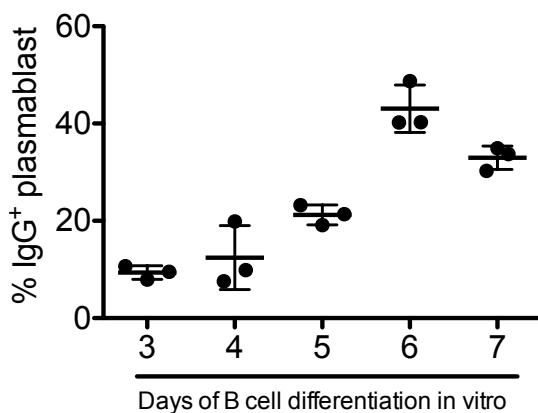


B

anti-Ig + CD40L + CpG + IL-2

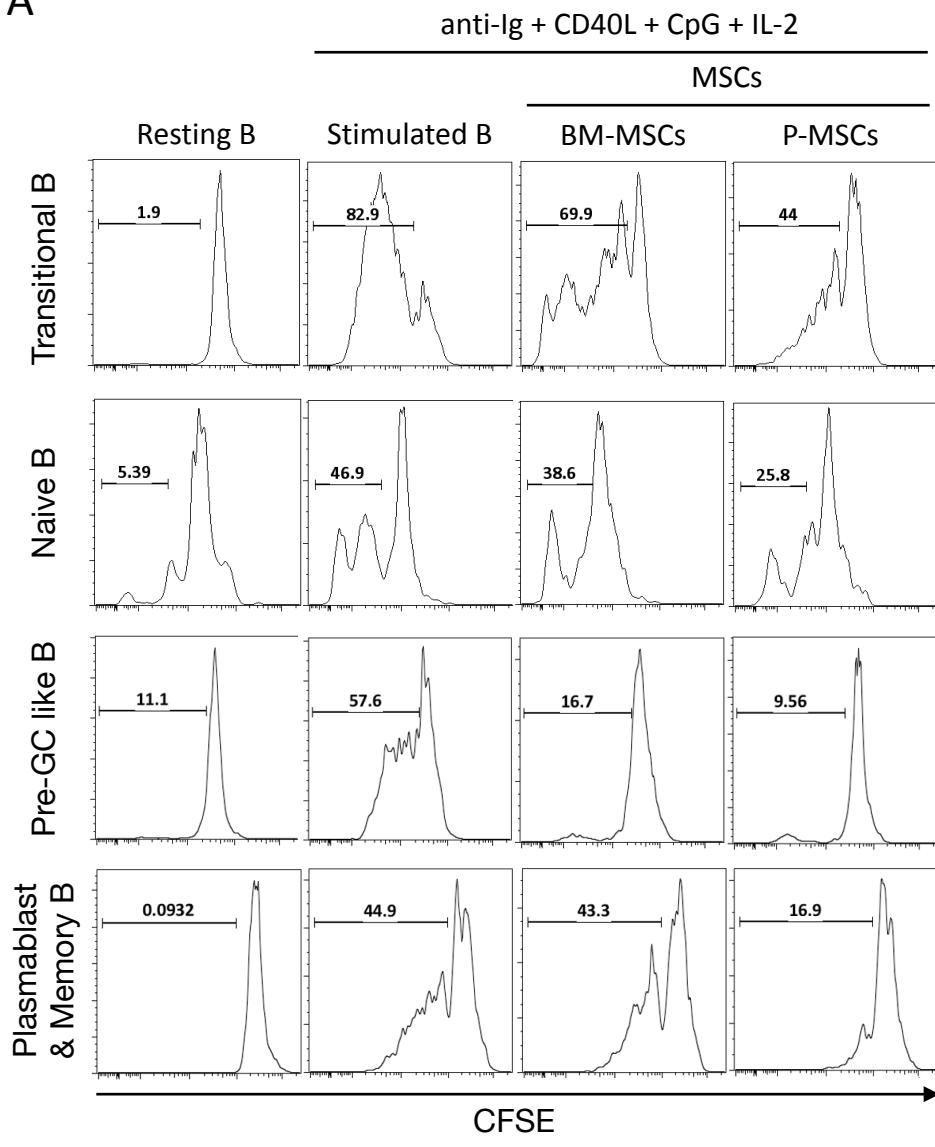


C

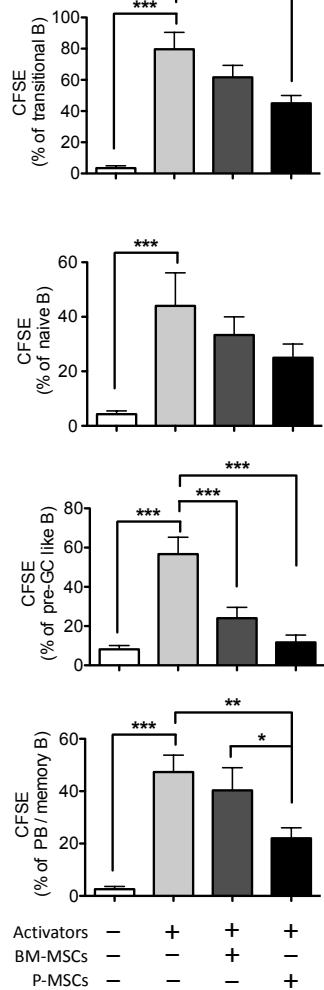


Supplementary Figure 2

A

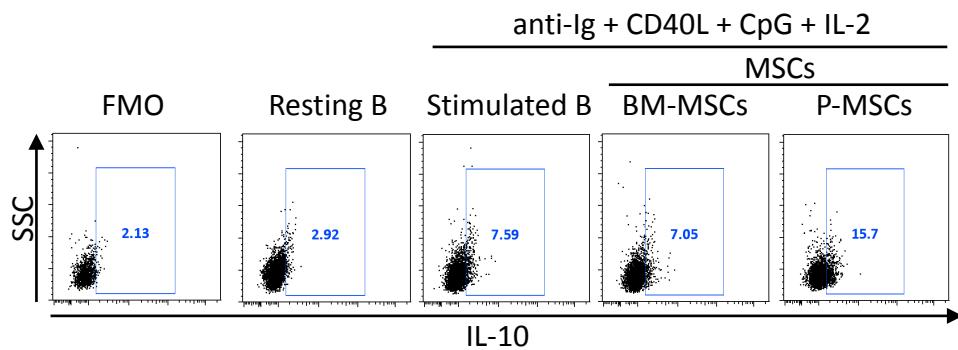


B

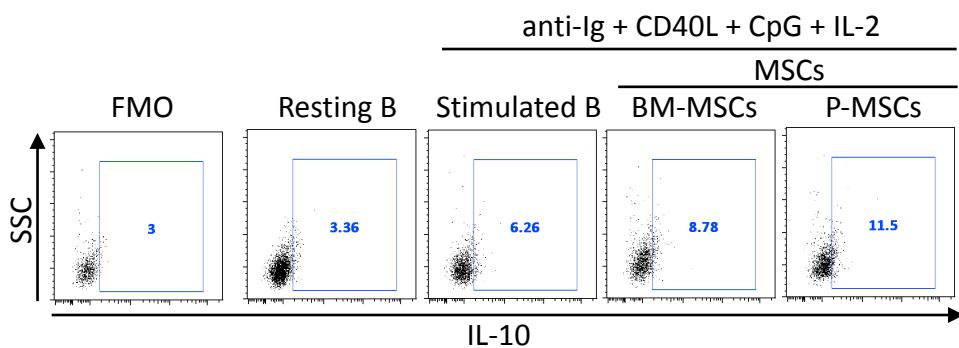


Supplementary Figure 3

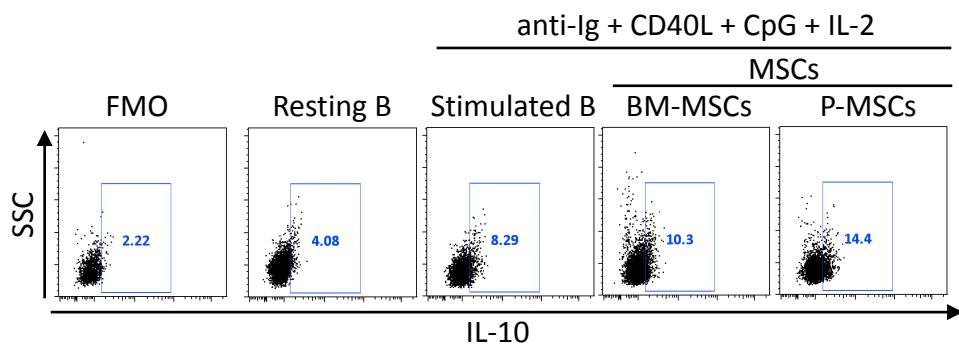
A Transitional B cells (CD19⁺ CD27⁻ CD38^{hi} CD24^{hi} IL-10⁺)



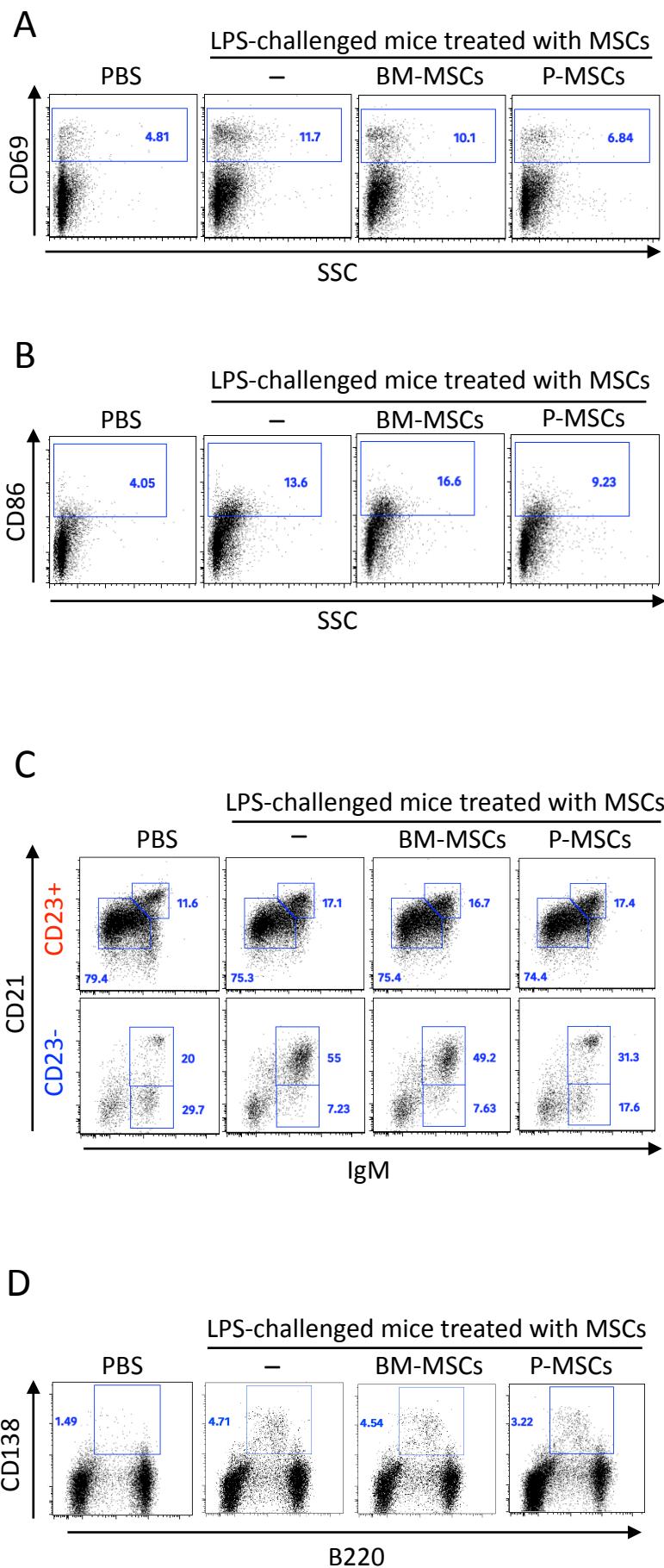
B CD19⁺ CD27⁺ CD24^{hi} IL-10⁺ B cells



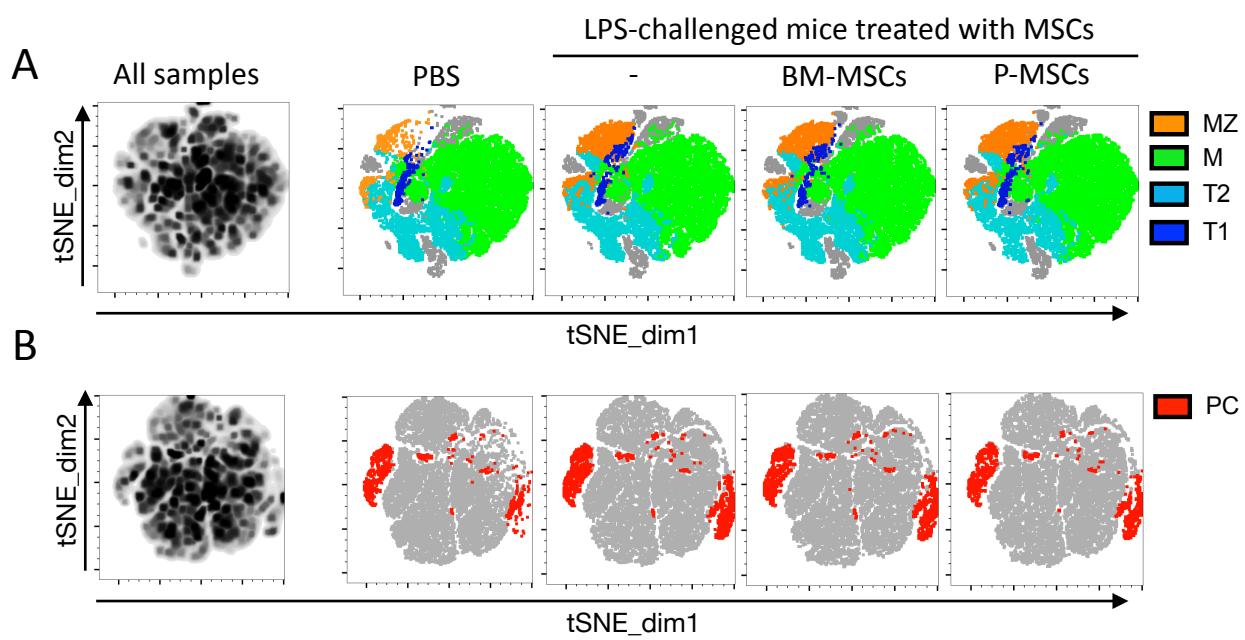
C Plasmablasts (CD19⁺ CD27⁺ CD38^{hi} IL-10⁺)



Supplementary Figure 4

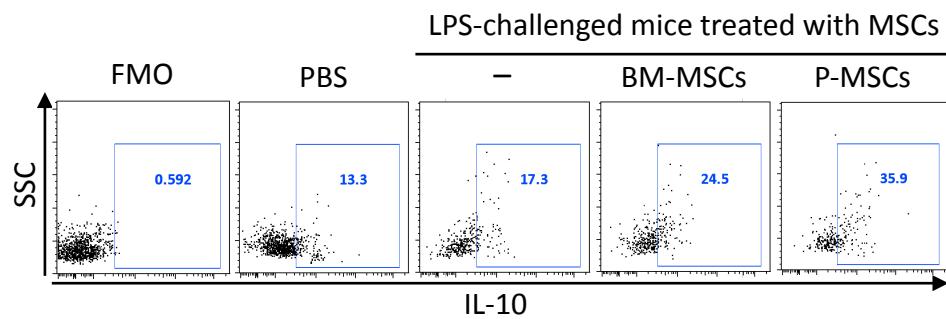


Supplementary Figure 5



Supplementary Figure 6

A T2-MZP subset ($CD19^+ CD23^+ IgM^{hi} CD21^{hi} IL-10^+$)



B MZ B subset ($CD19^+ CD23^- IgM^{hi} CD21^{hi} IL-10^+$)

