

Supplement Figure 5

gated on F4/80+

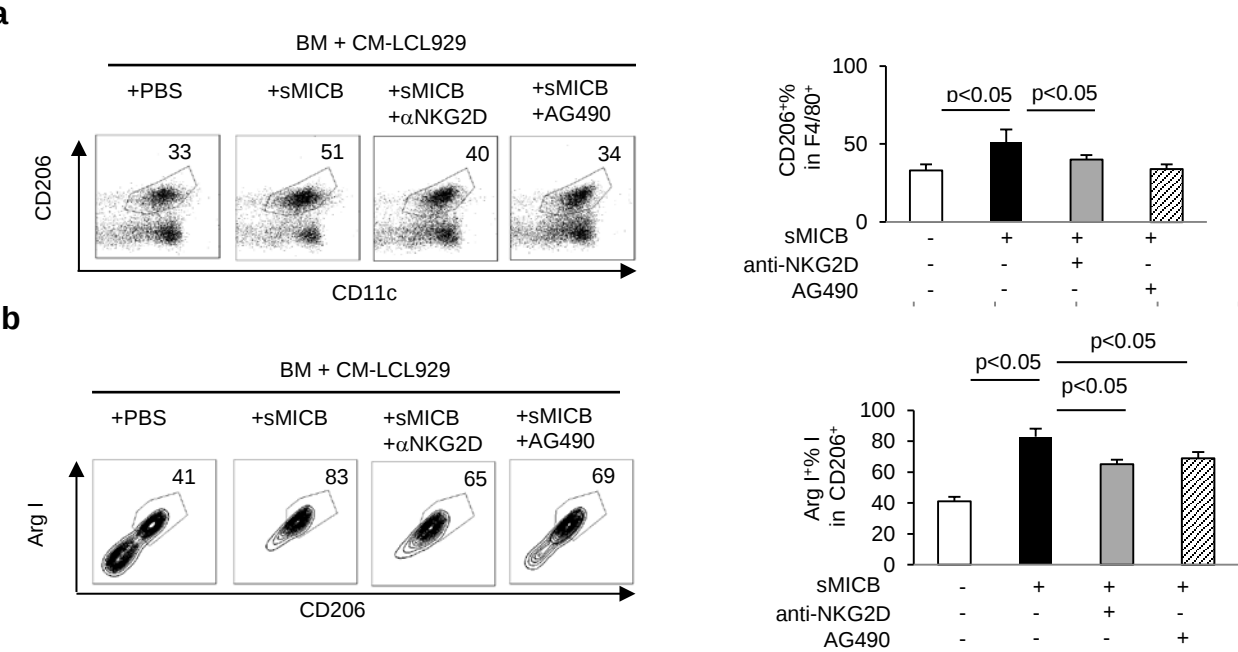


Figure S5. sMICB skews macrophages into alternative phenotype through NKG2D and activation of STAT3 in balb/c background. Bone marrow cells from Balb/c mice were cultured in the presence of L929 conditioned media (CM-L929) for 3 day and continue to culture with or without sMICB in combination with NKG2D blocking antibody CX5 or STAT3 inhibitor AG490 for additional 3 days before harvest. Cells were stained with anti-CD206, anti-CD11c and anti-F4/80 in combination with intracellular Arginase I staining. **a** and **b**. Representative histogram and summary data showing that sMIC increases the expression of CD206 in gated F4/80+ cells (**a**), and Arginase I (Arg I) in gated CD206+ cells (**b**). Data also show that blocking NKG2D or STAT3 mitigates the effect of sMICB. Data represent five independent experiments. *, p<0.05.