Supplementary Materials: Targeting Immunosuppressive Tumor-Associated Macrophages using Innate T Cells for Enhanced Antitumor Reactivity

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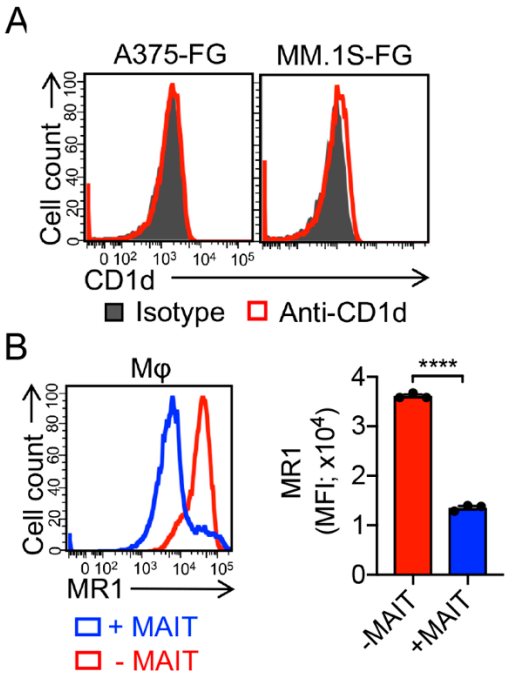

Figure S1. CD1d expression on A375 and MM.1S parental cell lines, and phenotype changes of macrophages after co-culturing with MAIT cells. Related to Figure 2 and 3. (**A**) FACS detection of CD1d expression on A375-FG and MM.1S-FG tumor cells. (**B**) FACS analysis of MR1 expression on macrophages with or without co-culturing with MAIT cells ($n = 3$). Representative of three experiments. Data are presented as the mean ± SEM. ****$p < 0.0001$, by Student's t test.

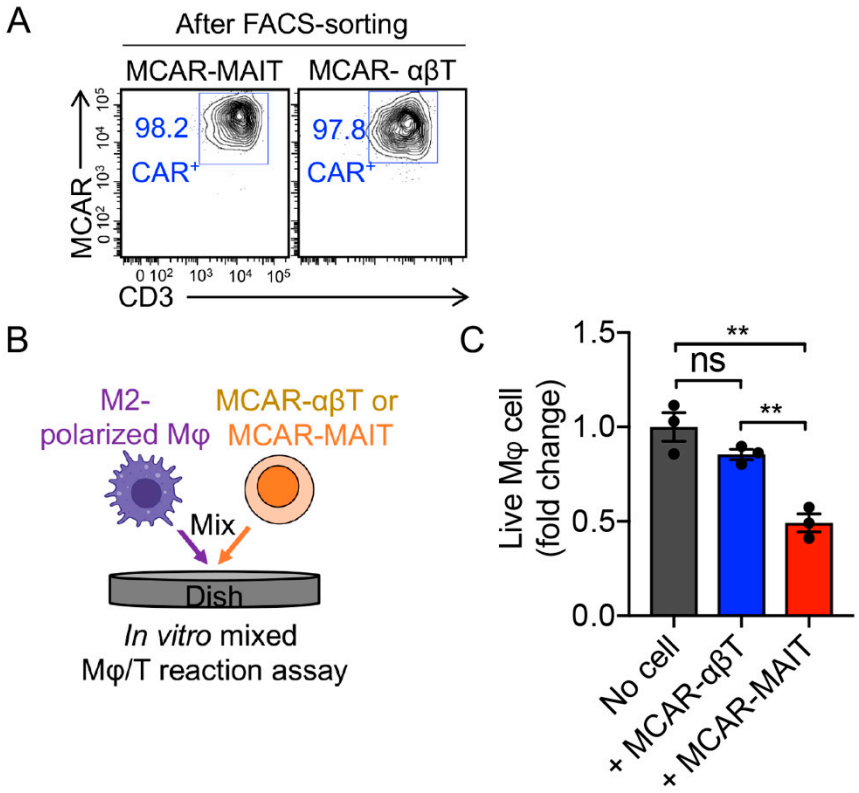

Figure S2. *In vitro* targeting immunosuppressive macrophages by MCAR-MAIT cells. Related to Figure 6. (**A**) FACS detection of MCAR expression on MCAR-αβT and MCAR-MAIT cells after FACS-sorting. (**B**) Experimental design. (**C**) FACS analysis of live macrophages 24 hours after co-culturing with MCAR-αβT or MCAR-MAIT cells. Live cells were identified as e506^{-}CD14^{+}CD11b^{+} (n = 3). Representative of three experiments. Data are presented as the mean ± SEM. ns, not significant, **p < 0.01, by one-way ANOVA.