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Supplemental information

Targeting myeloid-derived suppressor cells to attenuate vasculogenic mimicry and synergistically enhance the anti-tumor effect of PD-1 inhibitor

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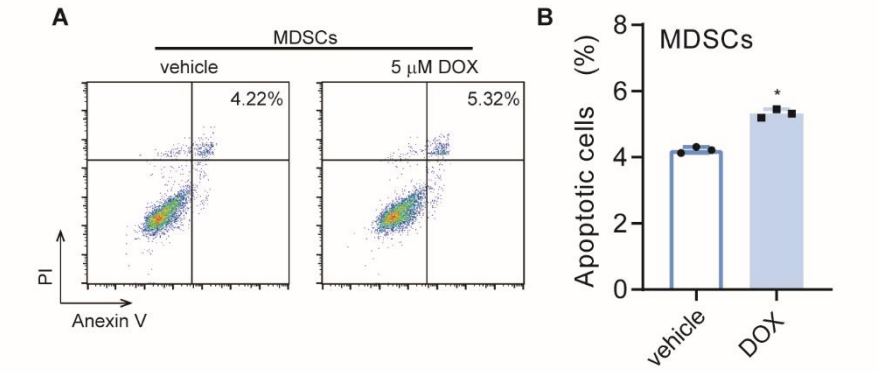
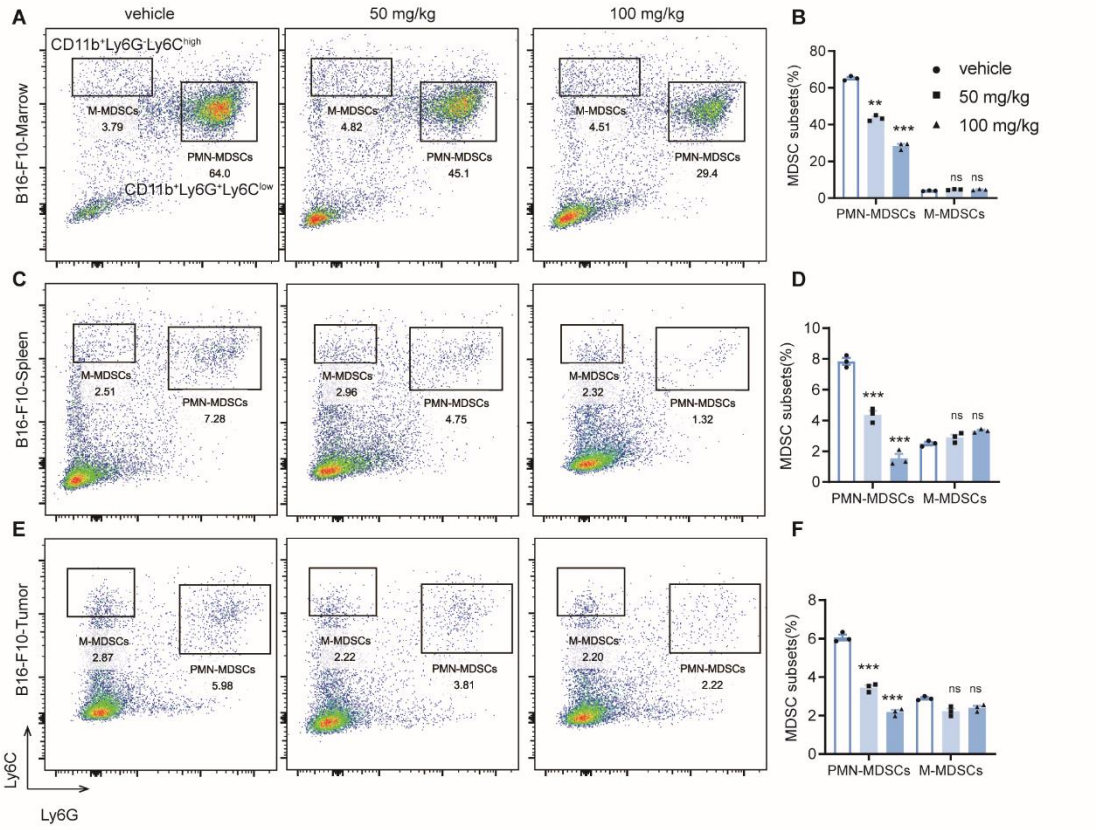
Figure S1. Apoptosis detection of MDSCs treated by DOX, Related to Figure 3.



(A) Representative dot plots for apoptosis of MDSCs after DOX treatment. (B) Statistical analysis(Student t-test) of the apoptosis ratio of MDSCs. All statistical data are represented as mean ± SEM. *p < 0.05, **p < 0.01, ***p < 0.001.

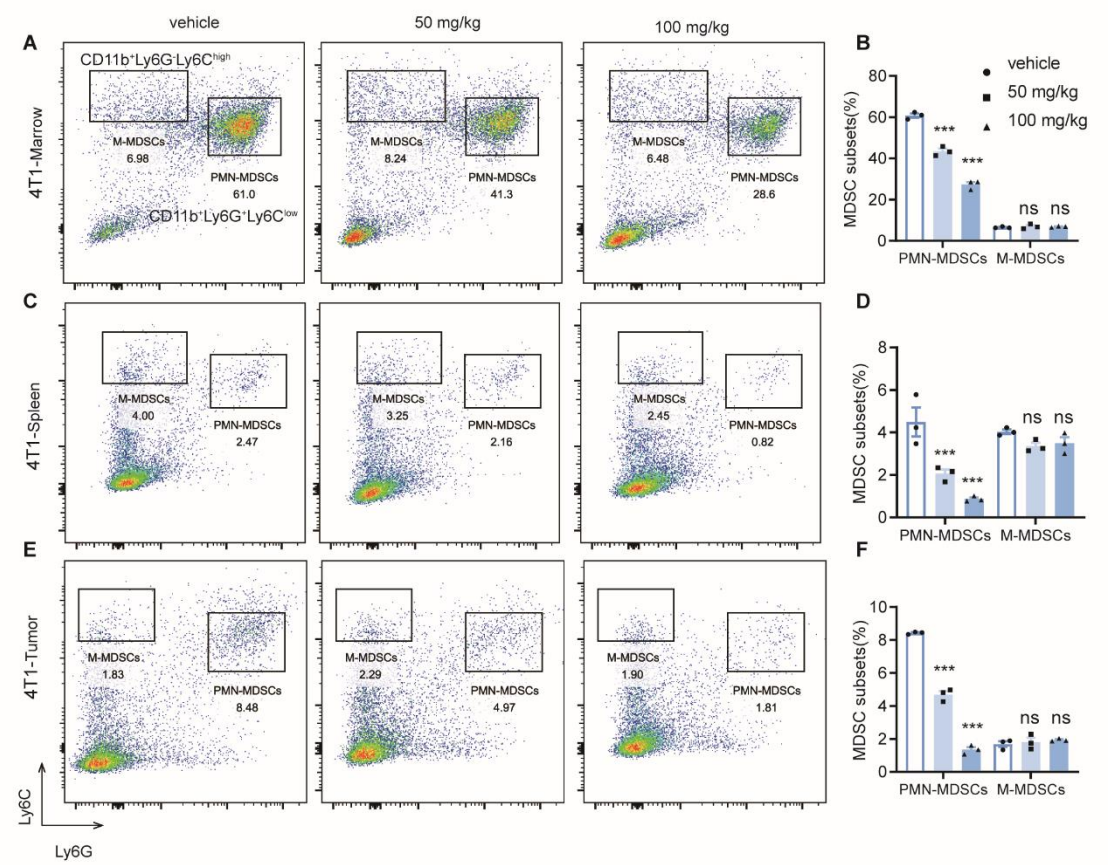
Figure S2. Doxycycline reduces the number of PMN-MDSCs in B16-F10 cell tumor-bearing model, Related to Figure 4.



(A, C, and E) Dot plots of the proportion of PMN-MDSCs ($CD11b^+Ly6G^+Ly6C^{low}$) and M-MDSCs ($CD11b^+Ly6G^-Ly6C^{high}$) in bone marrows, spleens, and tumor cells from control and DOX-treated B16-F10 tumor-bearing mice (n = 3). (B, D, and F) Statistical analysis(Student t-test) of the ratio of MDSCs subsets. All statistical data are represented as mean ± SEM. *p < 0.05, **p < 0.01, ***p < 0.001.

Figure S3. Doxycycline reduces the number of PMN-MDSCs in 4T1 tumor-

bearing model, Related to Figure5.



(A, C, and E) Dot plots of the proportion of PMN-MDSCs ($CD11b^{+}Ly6G^{+}Ly6C^{low}$) and M-MDSCs ($CD11b^{+}Ly6G^{-}Ly6C^{high}$) from control and DOX-treated 4T1 tumor-bearing mice (n = 3). (B, D, and F) Statistical analysis(Student t-test) of the ratio of MDSCs subsets in 4T1 tumor-bearing model. All statistical data are represented as mean ± SEM. *p < 0.05, **p < 0.01, ***p < 0.001.