

Supplementary Figure Legends

Supplementary Figure 1.

MC38 tumor bearing mice (n=10) were injected with the indicated anti-CD40 Ab at 10 mg/kg subcutaneously 7 days post implantation and circulating liver enzymes ALT and AST were measured in the serum 7 days following injection.

Supplementary Figure 2.

(A) MC38 tumor bearing WT mice were injected with 10 mg/kg 8F2 in the presence or absence of a 20 mg/kg pre-treatment of anti-IL-6 blockade antibody (n = 5 mice per group). Serum cytokine concentrations 24 hours post-treatment. (B) MC38 tumor bearing TNFR^{-/-} (and WT control) animals (n = 5 mice per group) were injected with 10 mg/kg 8F2 Ab once or PBS. Serum cytokine concentrations 24 hours post-treatment. Data are presented as mean ± SEM. Unpaired t test, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, **** $P < 0.0001$.

Supplementary Figure 3.

(A) Intrahepatic immune cells were isolated as described in the Methods. FACS gating strategy was shown here. Red boxes indicated the cell populations outside the gated area. (B) Relative expression of F4/80 and CD11b on Ly6G negative cell population as per gating scheme in (A).