

**Supplementary Figure 9 A-FABP is a new functional maker for pro-tumor macrophages**

Tumor stroma contains heterogeneous macrophages with different phenotype and function, among which A-FABP is highly expressed in the subset of CD11b+F4/80+MHCII-Ly6C- promoting mammary tumor growth and metastasis through NFκB/miR-29b/IL-6 pathway. Thus, A-FABP represents a new functional marker for pro-tumor macrophages and a novel target for macrophage-based tumor immunotherapy.