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MDPI

Supplementary Material

CD47 Potentiates Inflammatory Response in Systemic Lupus Erythematosus

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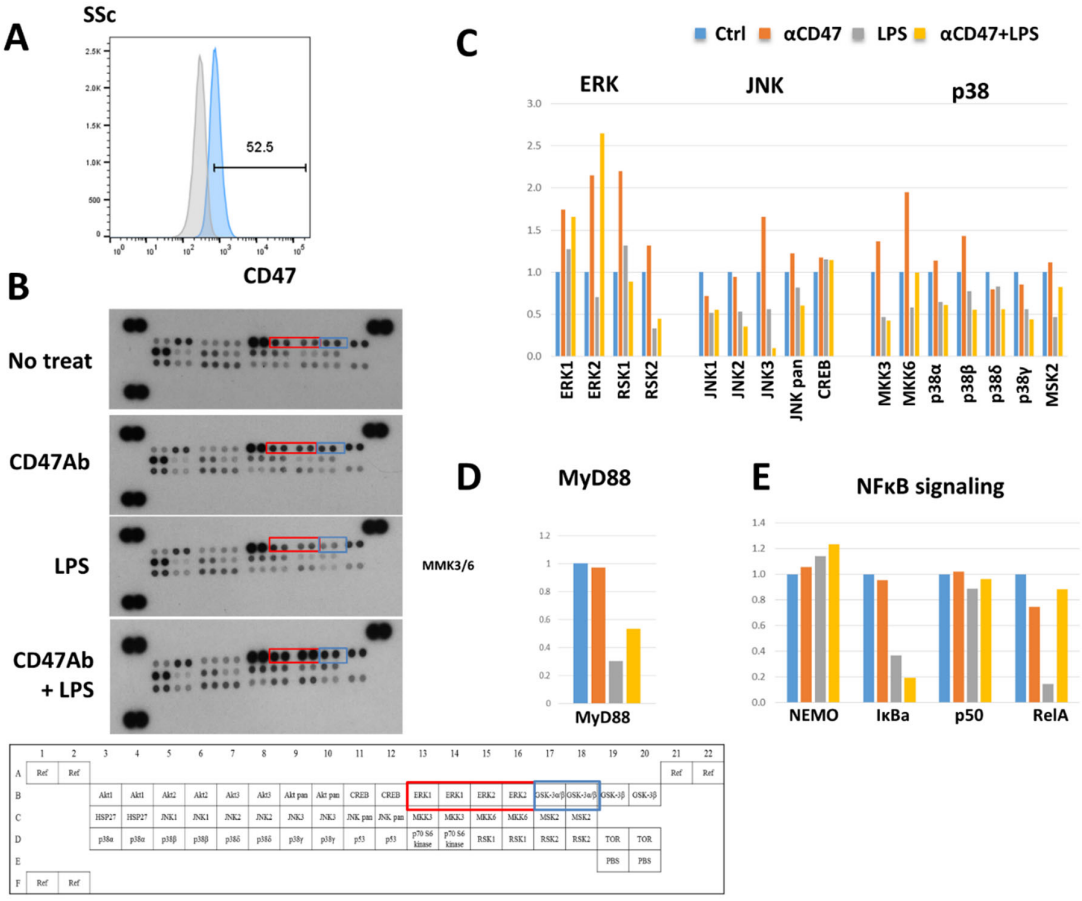

Figure S1. CD47 activation activates MAPK signaling. (**A**) Expression of CD47 on THP1 cells was examined by flow cytometry. (**B**,**C**) THP1 cells were treated with 1 μg/mL anti-CD47 antibody and/or 3 ng/mL LPS for 30 min and phospho-MAPK array was performed. (**B**) Image of phospho-MAKP-array blot with the array map (bottom panel) is shown. Phosphorylation of ERK (red rectangle) and GSK-3 (blue rectangle) is marked. (**C**) Densitometry analysis of the phospho-MAKP-array according to the 3 major arms of MAPK pathways (i.e., ERK, JNK, p38). (**D**,**E**) Densitometry analysis of the phosphor-MyD88 and phospho-NFκB array after treatment with CD47 and/or LPS is shown. Phosphorylation is shown as fold change compared to no treatment. Ctrl, control; LPS, lipopolysaccharide; SSc, Side scatter.