

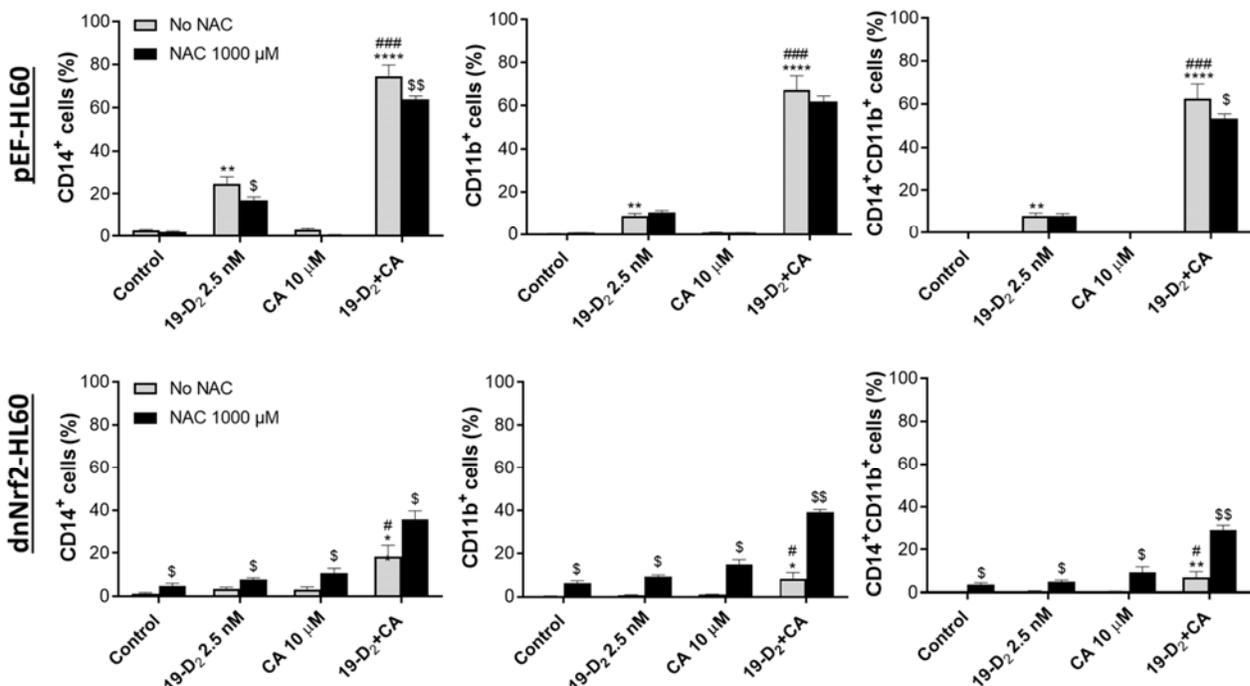


# Roles of Glutathione and AP-1 in the Enhancement of Vitamin D-induced Differentiation by Activators of the Nrf2 Signaling Pathway in Acute Myeloid Leukemia Cells

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**Supplementary Figure S1.** N-acetylcysteine partially reverses the inhibitory effect of dominant-negative Nrf2 on the differentiation of HL60 cells. (a,b) pEF-HL60 and dnNrf2-HL60 cells were pre-incubated with vehicle or 1000 μM N-acetylcysteine (NAC) for 1 h, followed by incubating with the indicated concentrations of paricalcitol, CA, or their combination for another 48 h. The expression of CD14 and CD11b was determined by flow cytometry. The data are means ± SD of 3 experiments. \*, p < 0.05; \*\*, p < 0.01; \*\*\*, p < 0.0001, vs. corresponding untreated control group; #, p < 0.05; ###, p < 0.001; ####, p < 0.0001 vs. corresponding sum of the effects of single agents; \$, p < 0.05; \$\$, NAC-treated vs. corresponding NAC-untreated group.