Figure S1. Gating strategy used to sort the leukemic cells and B-lymphocytes. Notes: Cells were gated on logarithmic SSC vs. FSC values. Then, leukemic cells were gated as RM124(+)CD45R(-) and B-lymphocytes as RM124(-)CD45R(+). The leukemic cells were further defined as RM124(+)CD45R(-)SSC(high)FSC(high) to distinguish residual non-specific binding detected in isotype control.
Figure S2. Influence curcumin and/or etoposide on nuclear level of NFkB in HL-60 cells. Notes: Cells were incubated with curcumin/or etoposide for 4 hours. NFkBp65 was detected by flow cytometry. Abbreviations: Cur, curcumin; Eto, etoposide
Figure S3. Quantitative analysis of curcumin.

Notes: Cells were incubated with curcumin (20 µM) for 24 hours. Representative chromatograms of HL-60 extracts analysis for curcumin and tetrahydrocurcumin content.

Abbreviations: LC/MS, Liquid chromatography/mass spectrometry