Online Supplement

Combined activity of the redox-modulating compound Setanaxib (GKT137831) with cytotoxic agents in the killing of acute myeloid leukemia cells

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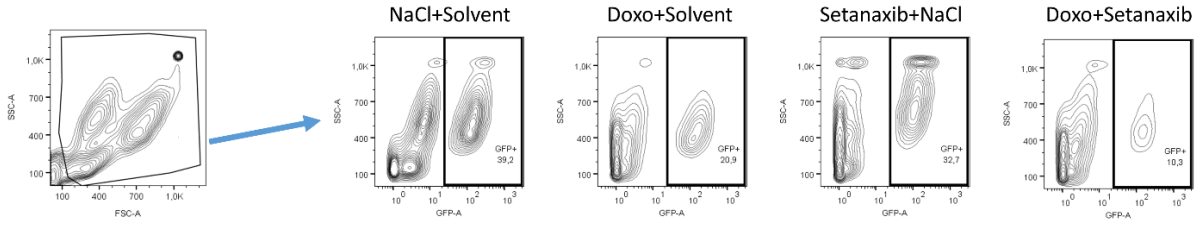

Figure S1. Analysis of GFP-positive FLT3-ITD expressing 32D cells in C3H/HeJ mice. Examples of dot-plots for FACS analysis of spleen cells corresponding to data shown in Figure 3B. Spleen cells were prepared as described in Materials and Methods (*2.4*). Left panel: Gating of cells by forward- and sideward-scatter profiles to exclude debris. Right panels: Detection of 32D-FLT3-ITD cells in the GFP channel. The control GFP+ (NaCl+Solvent) plot corresponds to the shown scatter plot. The other GFP+ plots are example measurements from animals treated with the compounds as indicated. Numbers for GFP+ in the right lower corner represent the percentage of GFP-positive cells.

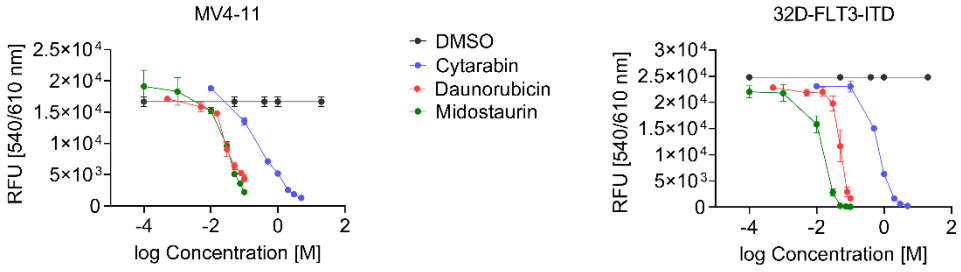

Figure S2. Effect of standard cytotoxic drugs on proliferation/viability of MV4-11 and 32D-FLT3-ITD cells. Cells were seeded in 96-well plates, compounds were added, and the proliferation/viability was assessed by Cell Titer Blue assay after 72 hours. The fluorescent signal, which was directly proportional to the number of viable cells, was measured in a plate reader at 540/610 nm (excitation/emission, respectively, RFU- relative fluorescence units).