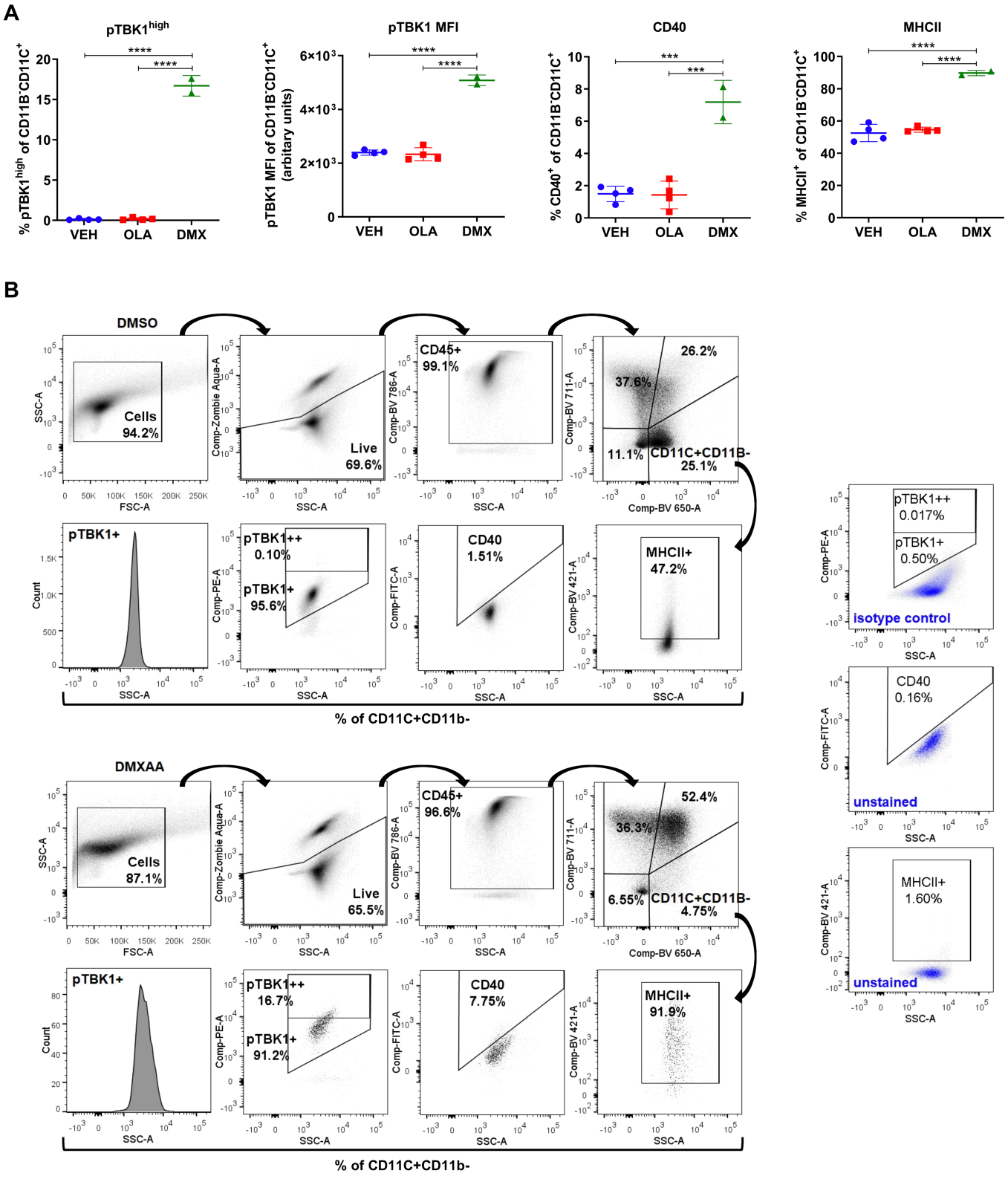

Supplementary Figure S5

Bone marrow derived DCs ($CD11C^{+}CD11B^{-}$) from 2-4 mice were treated with DMSO (vehicle), olaparib (5 μM) or DMXAA (5 μg/ml) for 20h and subjected to flow cytometry. (A) Scatter plots demonstrate increases in $pTBK1^{high}$, $CD40^{+}$ and $MHCII^{+}$ DCs in response to DMXAA but not olaparib. Median fluorescence intensity (MFI) for pTBK1 is also shown. Statistical analyses were performed using one-way ANOVA with Tukey's post-hoc test. Error bars represent SD. (B) Gating strategy. Debris was excluded on SSC vs FSC plot and zombie aqua-positive i.e. non-viable cells were gated out. For DC identification, $CD45^{+}$ live cells were gated on CD11B vs CD11C plot and pure DCs ($CD11C^{+}CD11B^{-}$) were analyzed for expression of MHCII (maturation), CD40 (activation) and pTBK1 markers. Representative black-colored density plots are shown for DMSO-treated (upper panel) or DMXAA-treated (bottom panel) stained samples. Histogram was used for pTBK1 MFI measurement. Blue-colored density plots are from isotype and unstained controls, as indicated on the plot (right panel).