

Supporting Information:

Title: Cells In Vitro by inducing DNA Damage via H2AX Phosphorylation and hindering proliferation through ERK dephosphorylation

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Since our collaborators in University of Florence use the tested antibodies routinely, they know the properties of the Ab very well, they cut the single membranes so that each cut membrane only contains the molecular weight protein of interest and then they did single Ab WBs on each. For the GAPDH staining, (very molecular weight very close to ERK1/2 the membrane was stripped and re-probed). For γ H2AX on A375 lysates a longer exposure was performed.

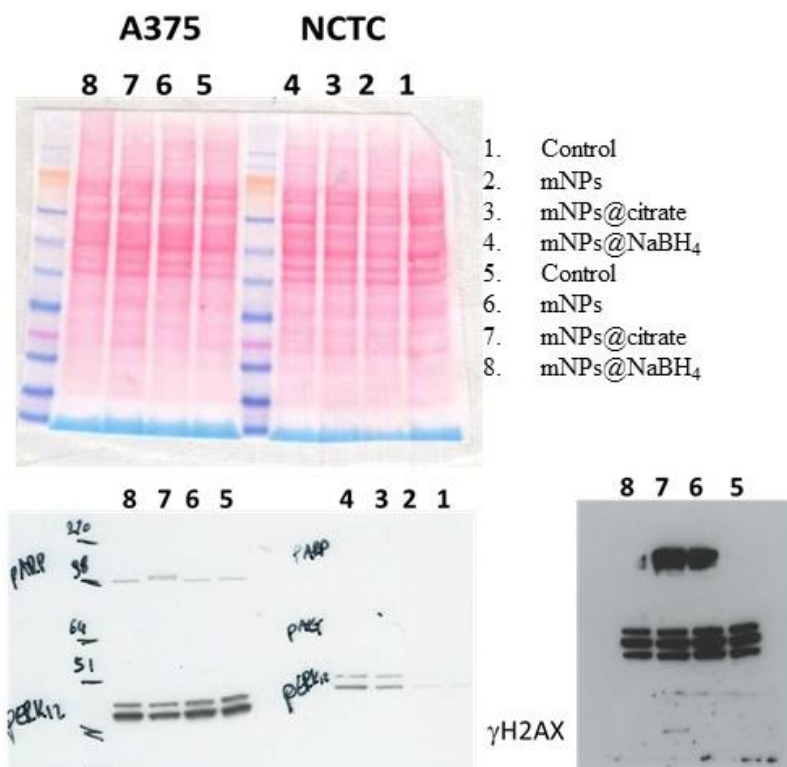


Figure S1. Gels and blots from Western blot analysis.