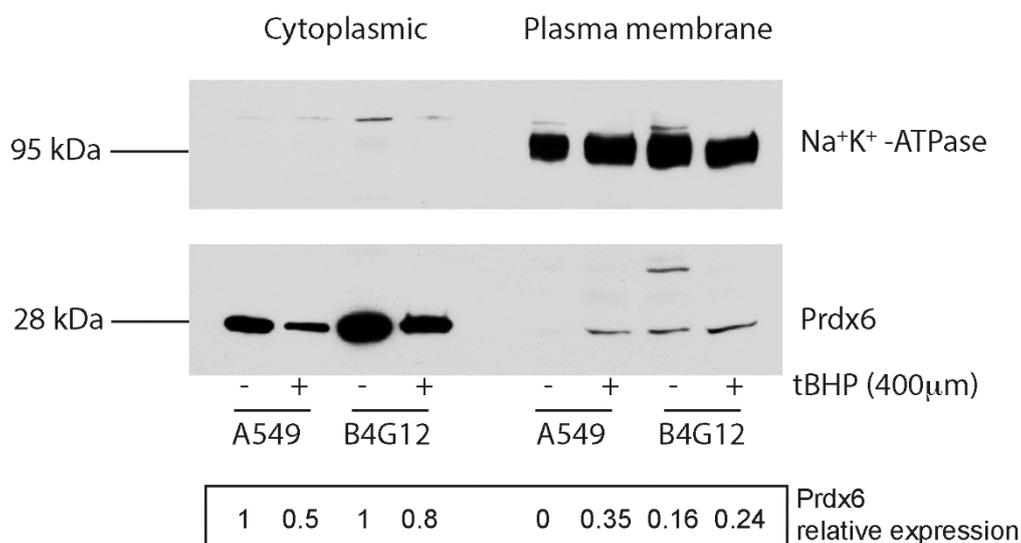
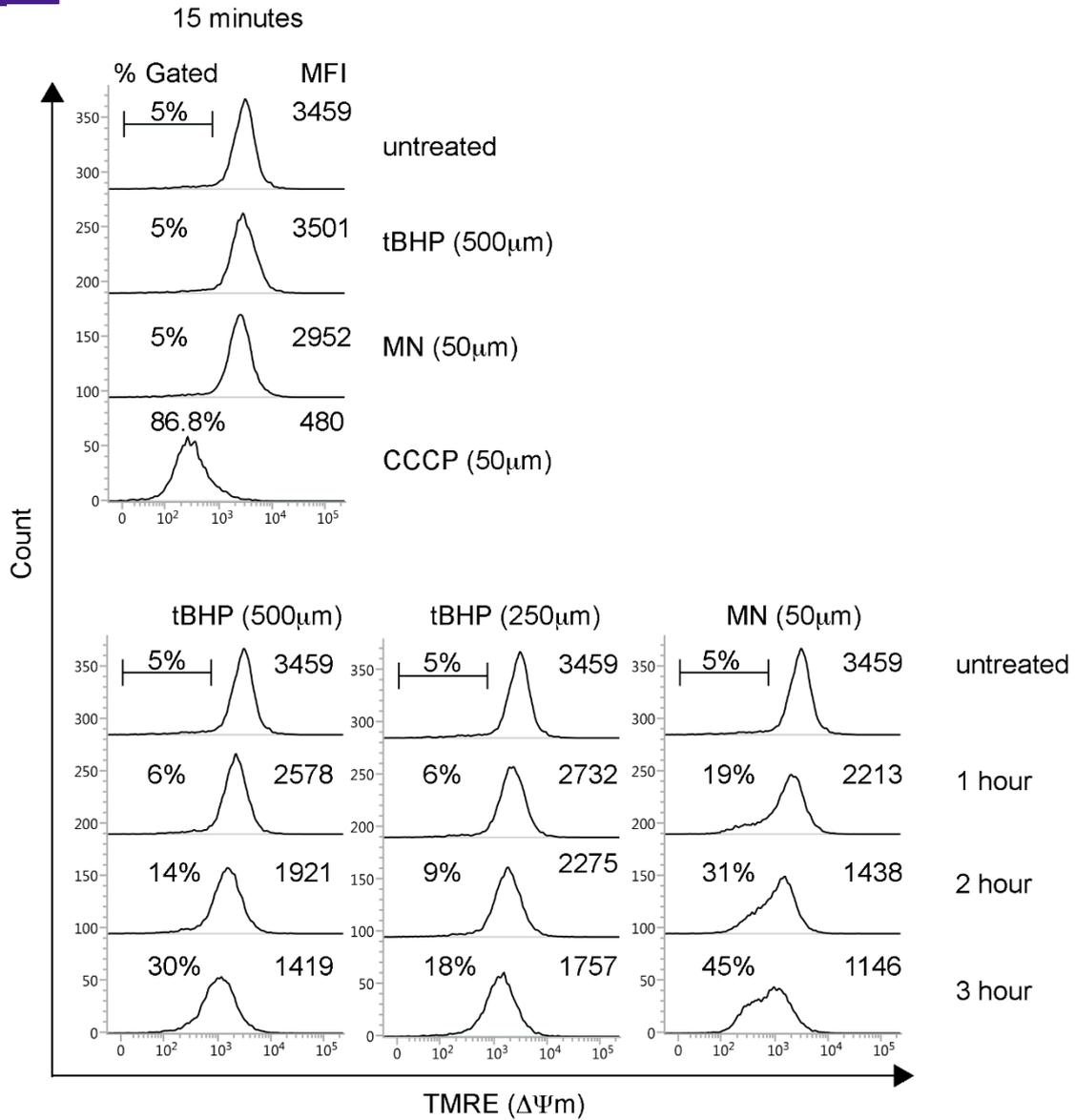




### Supplementary Materials:



**Figure S1.** Cytoplasmic and plasma membrane (PM) proteins were purified from A549 and B4G12 cell lines left untreated (-) or treated (+) for 3 h with tBHP. Fractionation was performed as described in Section 2.4.1. Cytoplasmic Prdx6 levels were quantitated by densitometry relative to untreated. Plasma membrane Prdx6 was calculated by density PM/density cytoplasmic Prdx6. N.B. The second band appearing at ~50kDa in the PM fraction of untreated B4G12 cells was not consistently observed. Therefore, this is most likely to be non-specific.



**Figure S2.** Menadione disrupts mitochondrial membrane potential. B4G12 cells were treated with the indicated compounds for the desired times. TMRE was added and  $\Delta\Psi_m$  measured by flow cytometry.