

SUPPLEMENTARY INFORMATION

Mitoquinone (MitoQ) Inhibits Platelet Activation Steps By Reducing ROS Levels

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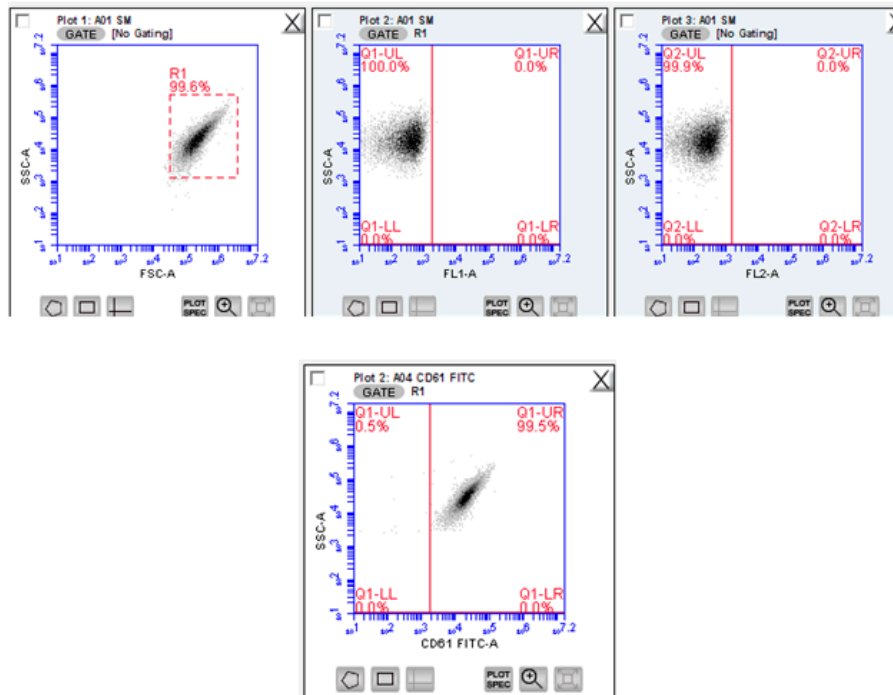


Figure S1. Representative dot plots of CD61+ (platelets).

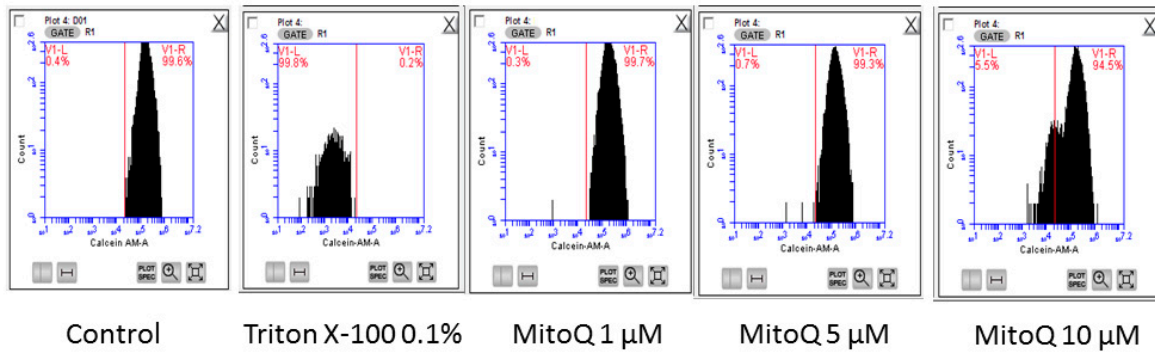


Figure S2. Representative dot plots of Calcein-AM positive platelets.

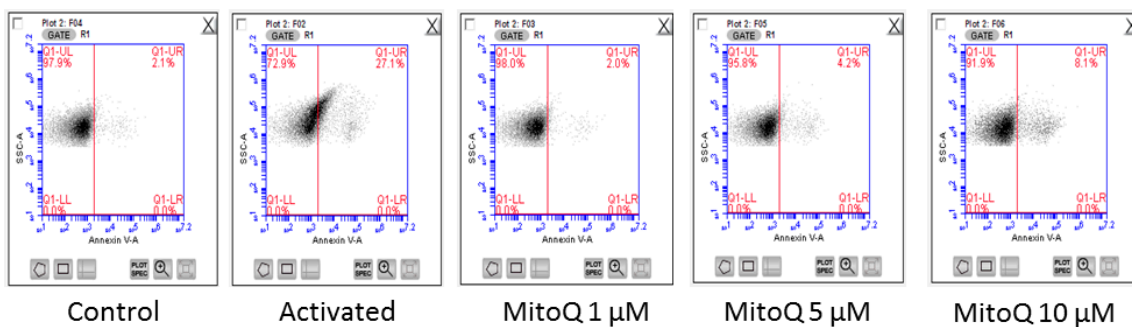


Figure S3. Representative dot plots of annexin V positive platelets.

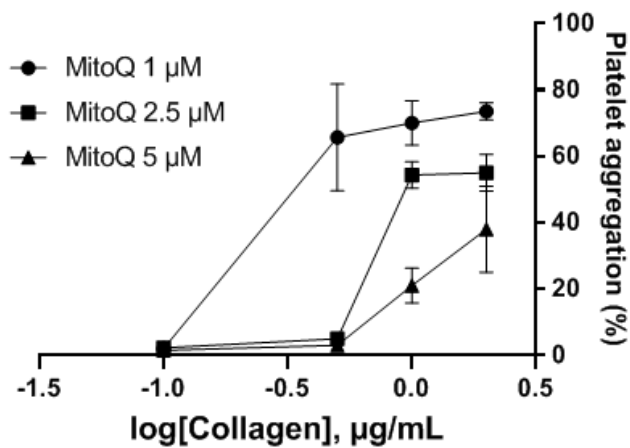


Figure 4. Platelet antiaggregant effect of MitoQ on increasing collagen concentrations (0.1, 0.5, 1 and 2 $\mu\text{g/mL}$).

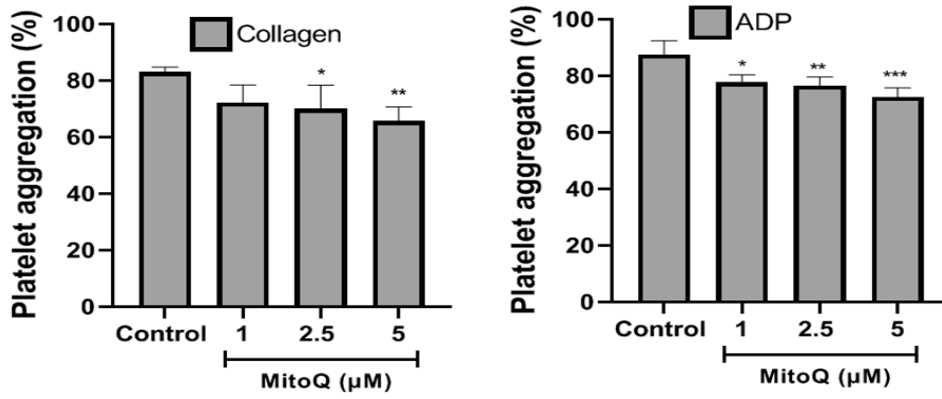


Figure 5. Platelet antiaggregant effect of MitoQ in Platelet-Rich Plasma stimulated by collagen 1 μg/mL or ADP 4 μM.

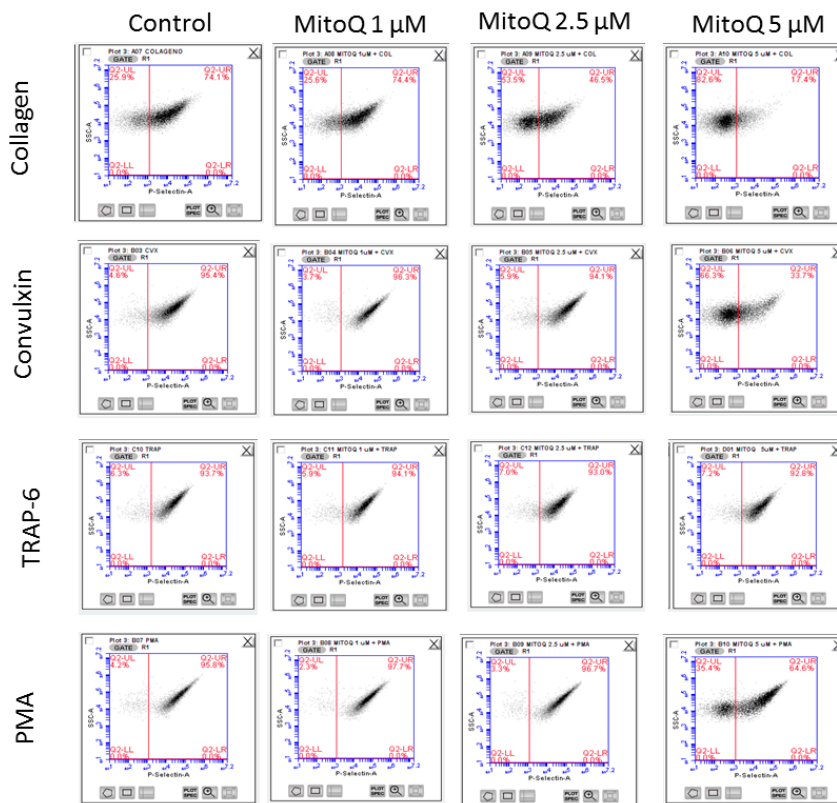


Figure 6. Representative dot plots of platelets P-selectin.

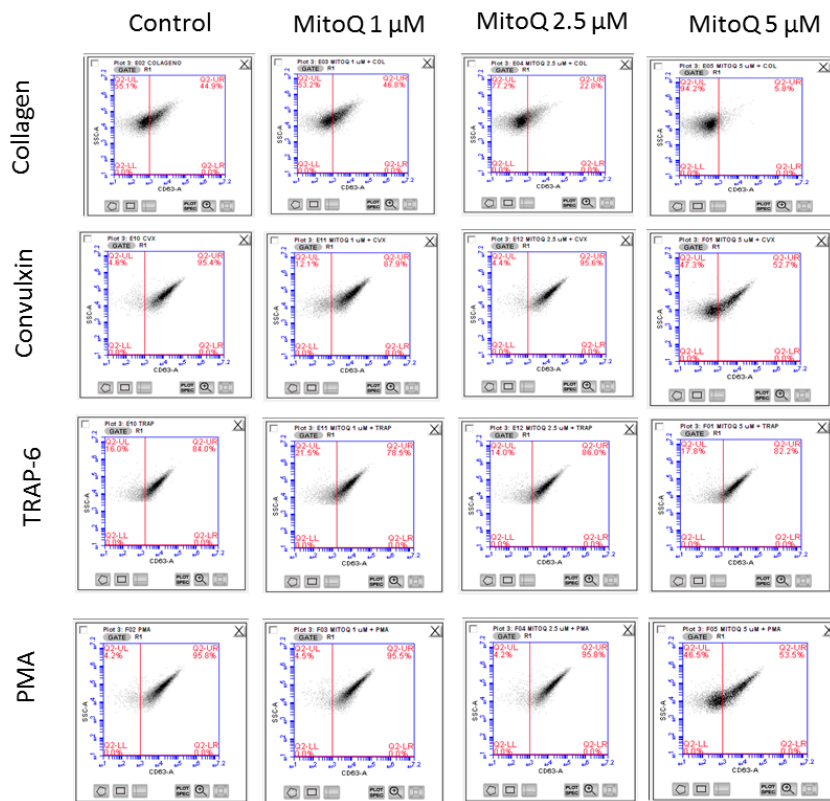


Figure S7. Representative dot plots of platelets CD63+.

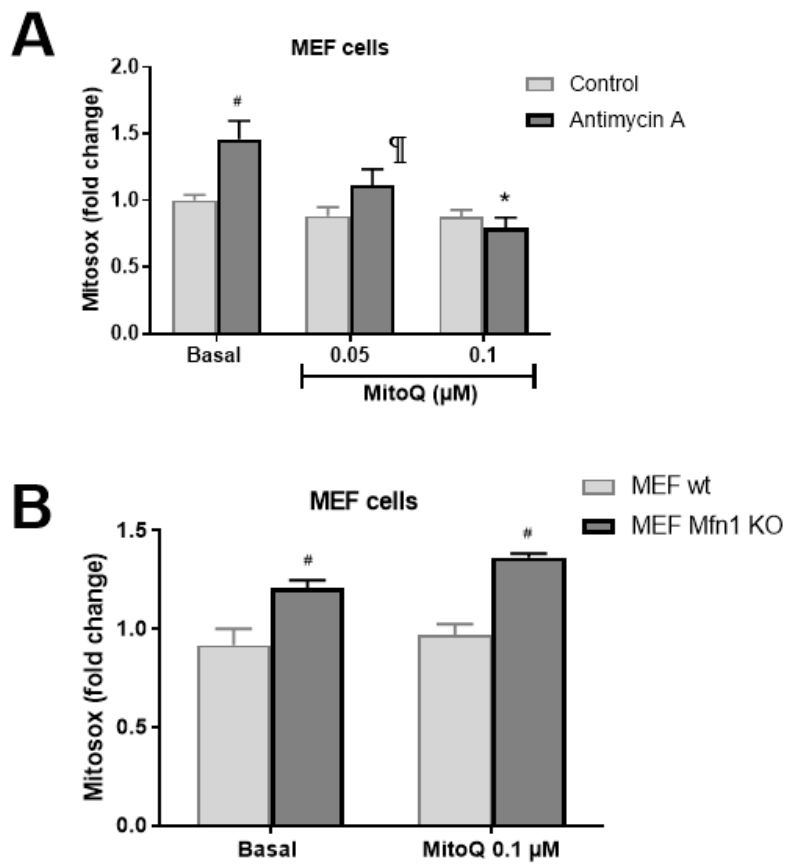


Figure 8. MitoQ decreases intraplatelet ROS in MEFwt and Mfn1KO cells. (A) and (B) Acute and chronic oxidative stress models in MEFwt and Mfn1KO cells. The statistical analysis was performed using the ANOVA (Tukey test). #p < 0.05 vs basal (A) or MEF wt (B).

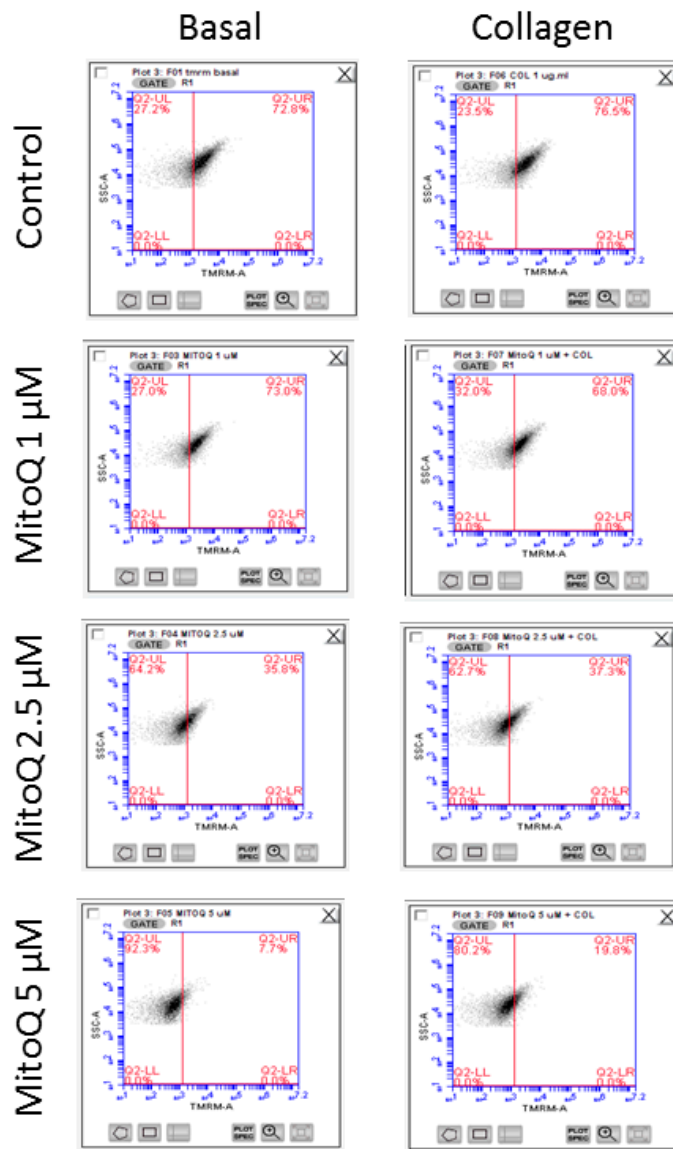


Figure 9. Effect of MitoQ on mitochondrial membrane potential ($\Delta\Psi_m$).

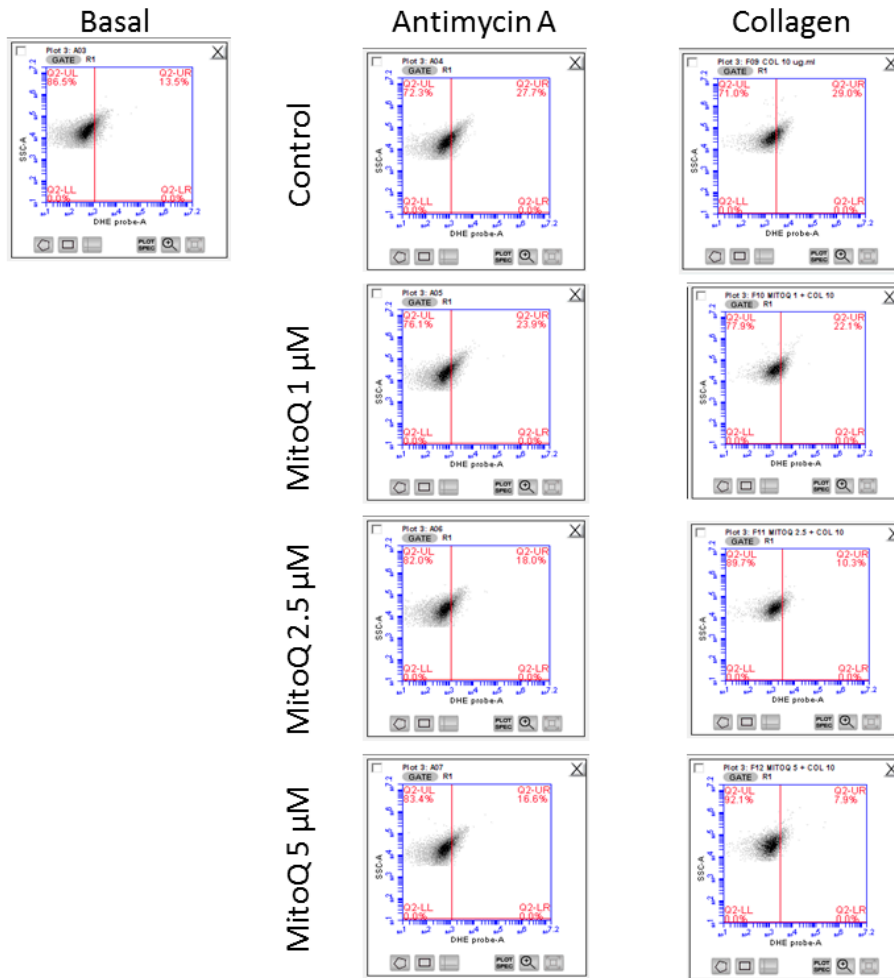


Figure S10. Effect of MitoQ on intraplatelet ROS generation. .