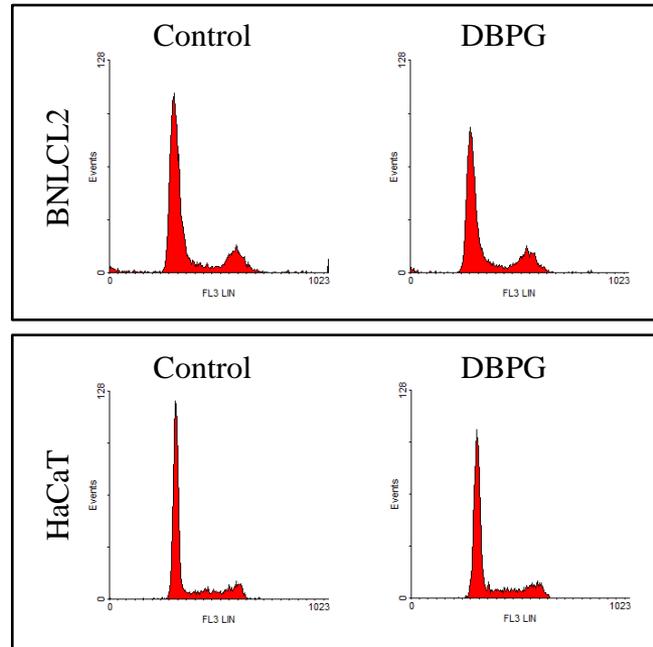
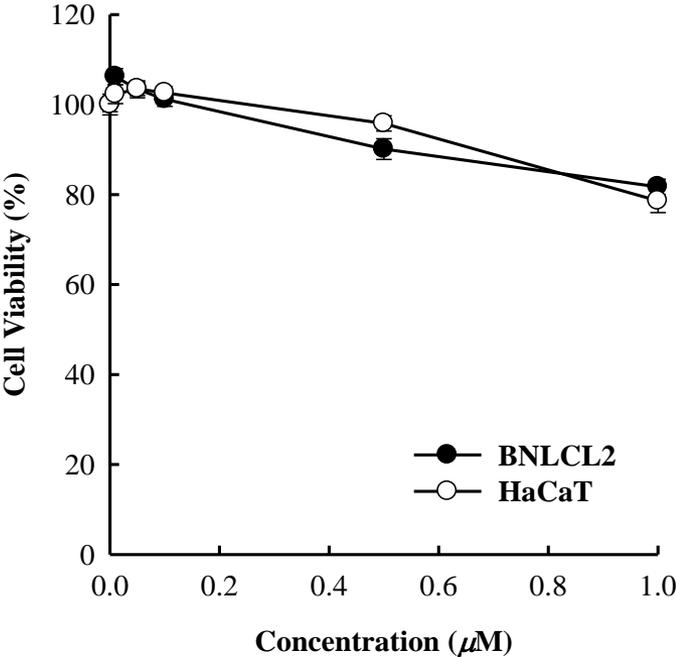


Supplement data 1



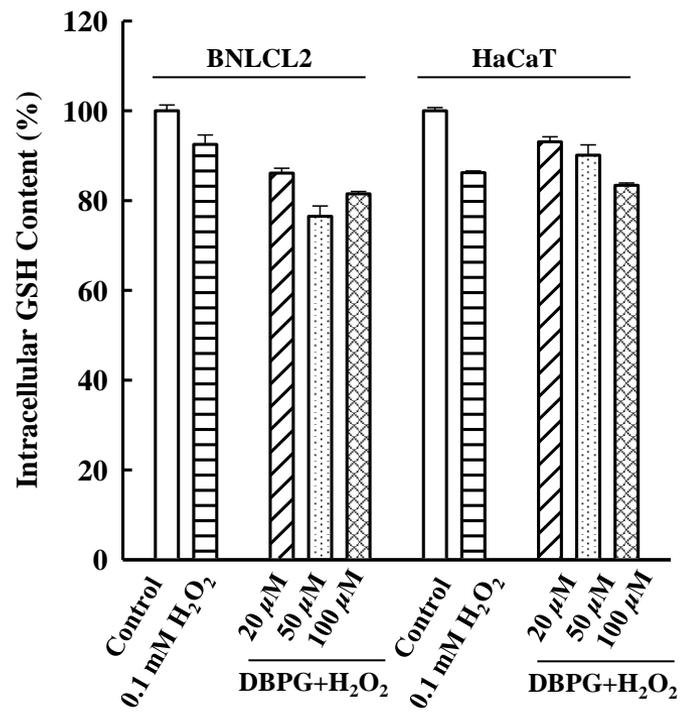
[Suppl. 1. Cell cycle distribution in BNLCL2 and HaCaT cells after DBPG treatment. Flow cytometric analysis of cell cycle progression of both cells after treatment with 200 \$\mu\$ M of DBPG for 24 h.](#)

Supplement data 2



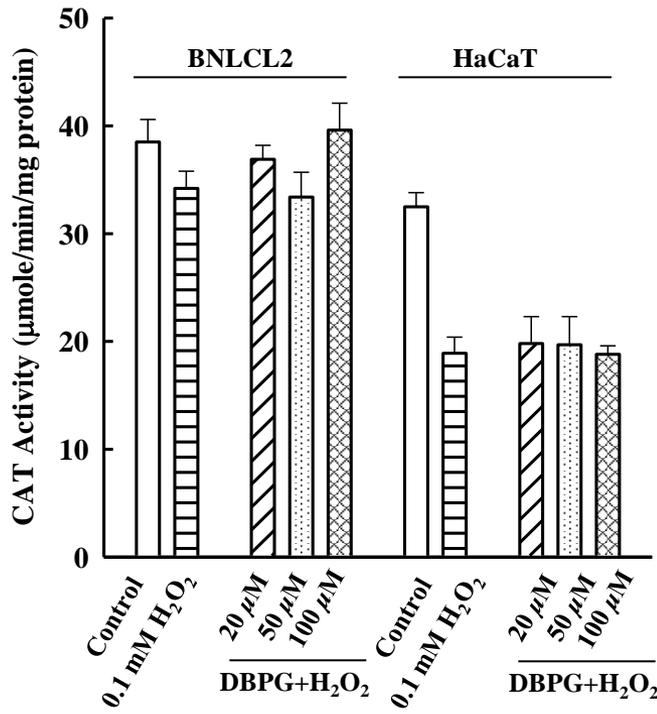
Suppl. 2. Cell viability of H₂O₂ in BNLCL2 and HaCaT cells. Following incubation of BNLCL2 and HaCaT cells with 0.01, 0.05, 0.1, 0.5 and 1.0 mM of H₂O₂ for 1 h, cell viability was determined using MTT assay. Each value represents mean ± SD from triplicate experiments.

Supplement data 3



Suppl. 3. No significant effect on GSH level by DBPG in H₂O₂-treated BNLCL2 and HaCaT cells. After BNLCL2 and HaCaT cells were cultured in the presence of DBPG (20, 50 and 100 μM) for 24 h and then with 0.1 mM H₂O₂ for 1 h, the intracellular GSH level was investigated. Each value represents mean ± SD from triplicate experiments.

Supplement data 4



Suppl. 4. No significant effect on CAT activity by DBPG in H₂O₂-treated BNLCL2 and HaCaT cells. After BNLCL2 and HaCaT cells were cultured in the presence of DBPG (20, 50 and 100 μM) for 24 h and then with 0.1 mM H₂O₂ for 1 h, CAT activity was investigated. Each value is mean \pm SD from triplicate experiments.