

Supplemental Material to:

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**Comparison of the activity of three different HSP70
inhibitors on apoptosis, cell cycle arrest, autophagy
inhibition, and HSP90 inhibition**

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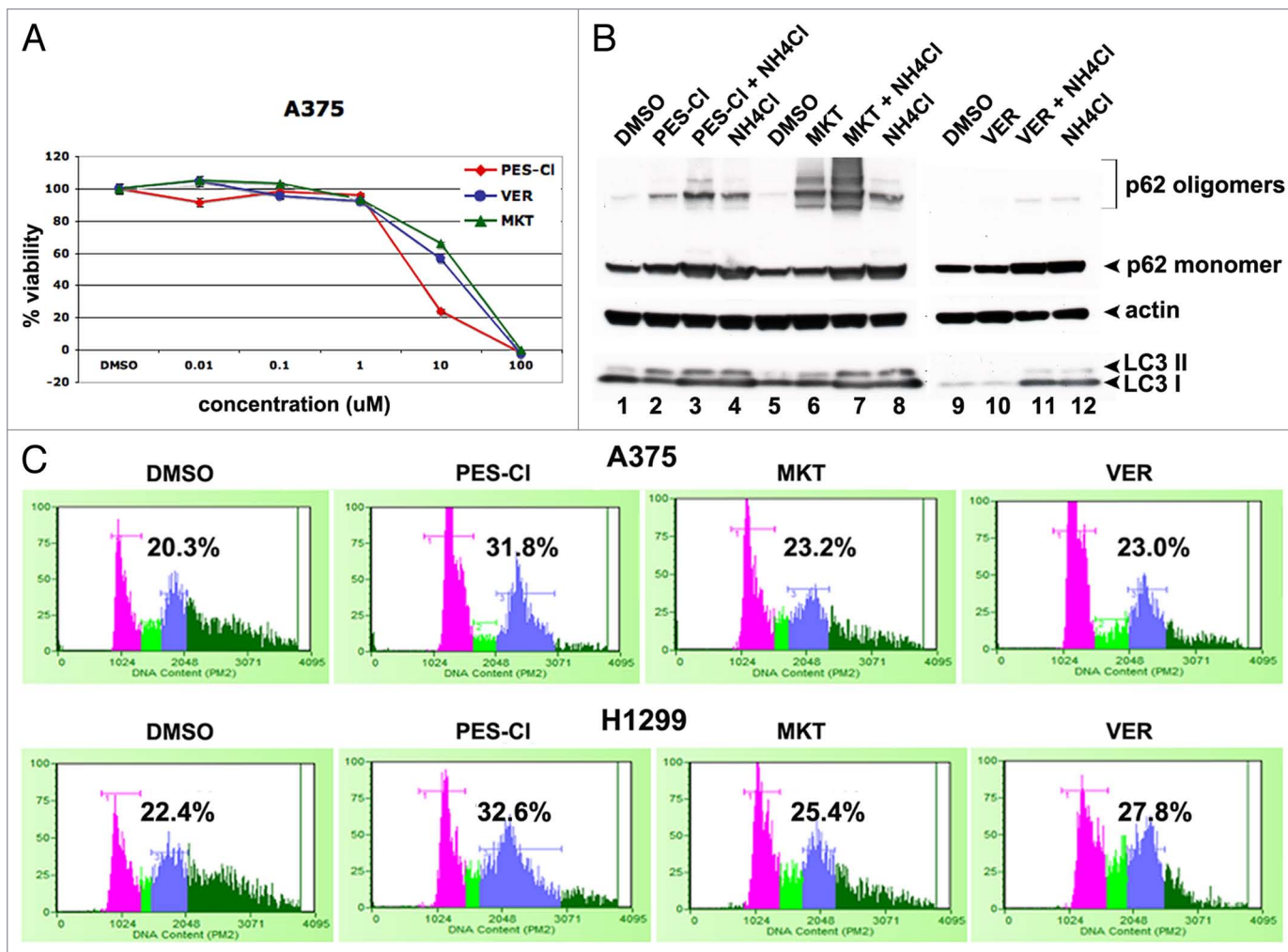


Figure S1. (A) Cell viability analysis of A375 cells treated with 10 uM PES-Cl or MKT-077, or 20 uM VER-155008 for 24 h. Cell viability was assessed using the Guava flow cytometer and the ViaCount assay reagent. (B) Western blot analysis of H1299 cells treated with DMSO, PES-Cl (10 uM), MKT-077 (10 uM), or VER-155008 (20 uM) for 24 h, in the presence and absence of 10 mM NH₄Cl to halt autophagic flux. LC3 I and II, and p62 monomer and oligomers, are indicated. (C) Propidium iodide cell cycle profiles of A375 cells treated with 10 uM PES-Cl or MKT-077, or 20 uM VER-155008 for 24 h. Following propidium iodide staining, cells were analyzed on a Guava EasyCyte flow cytometer. Numbers in brackets represent G₂/M (4n) populations; the data depicted are representative of 3 independent experiments.