

SUPPLEMENTARY INFORMATION

For

Overcoming Blood-Brain Barrier by HER2-Targeted Nanosystem to Suppresses Glioblastoma Cell Migration, Invasion and Tumor Growth

Results

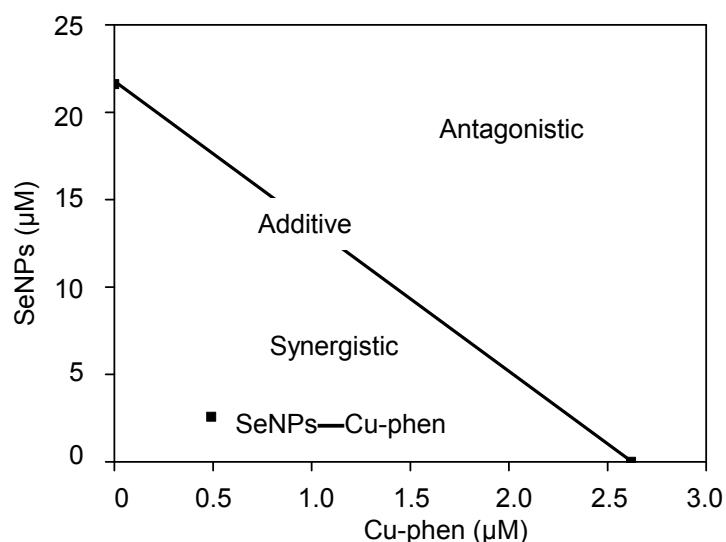


Figure S1. Isobologram analysis of the antiproliferative effects of SeNPs and Cu-phen on U251 cells

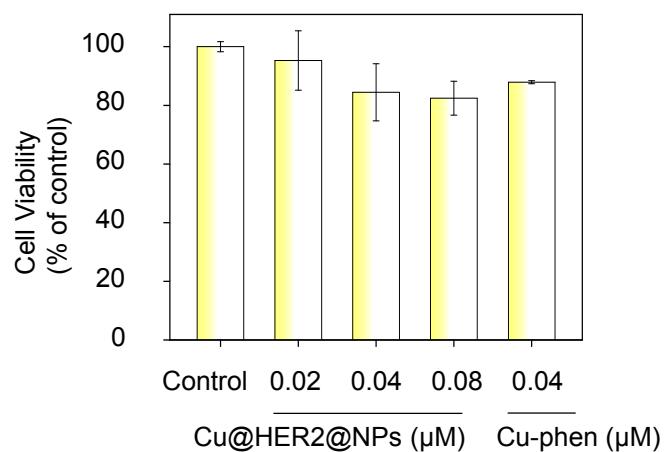


Figure S2. The U251 cells were exposed to the indicated concentration of Cu@HER2@NPs and Cu-phen for 24 h and then examined by MTT assay. All results were obtained from three independent experiments.

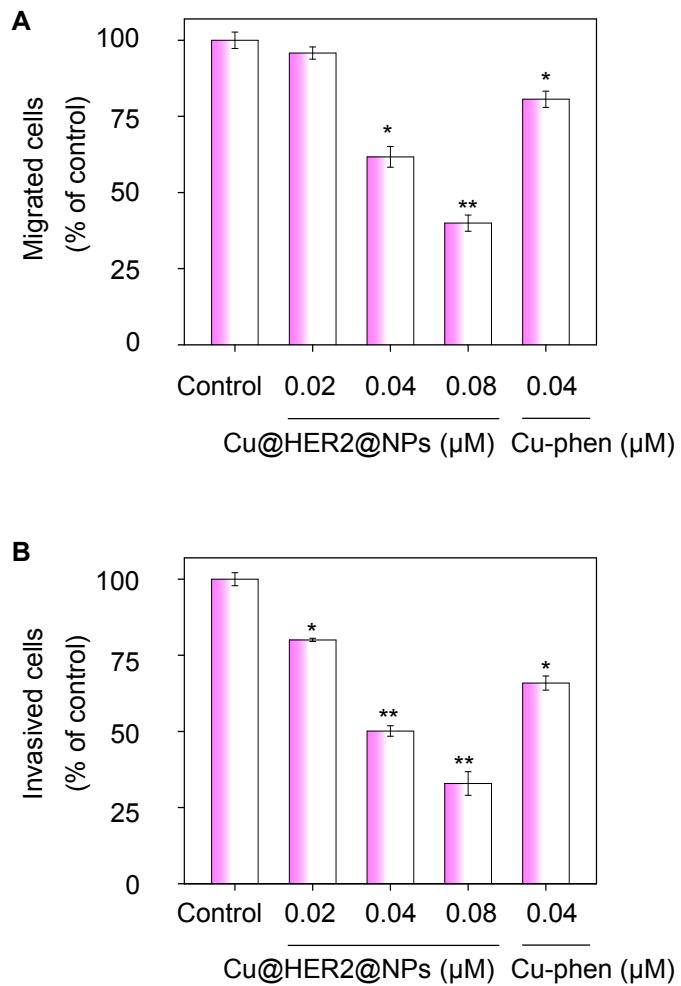


Figure S3. The migration cells (A) and invasion cells (B) after incubation with 0.02, 0.04, 0.08 μM Cu@HER2@NPs and 0.04 μM Cu-phen for 24 h. The quantitative data were analyzed by ImageJ and manual counting (% of control), respectively. Significant difference between treatment and control groups is indicated at * $P < 0.05$ and ** $P < 0.01$ level. Each value represents means \pm SD ($n=3$).

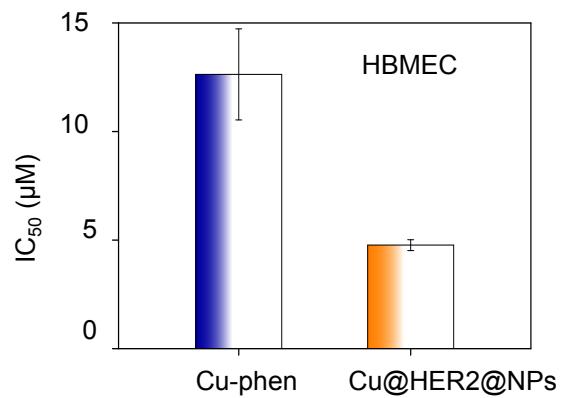


Figure S4. Cytotoxic effects of Cu-phen and Cu@HER2@NPs on HBMEC cells after 72 h incubation.