## **Supporting Information**

## Combination of TNF-α and Graphene Oxide-Loaded BEZ235 to Enhance Apoptosis of PIK3CA Mutant Colorectal Cancer Cells

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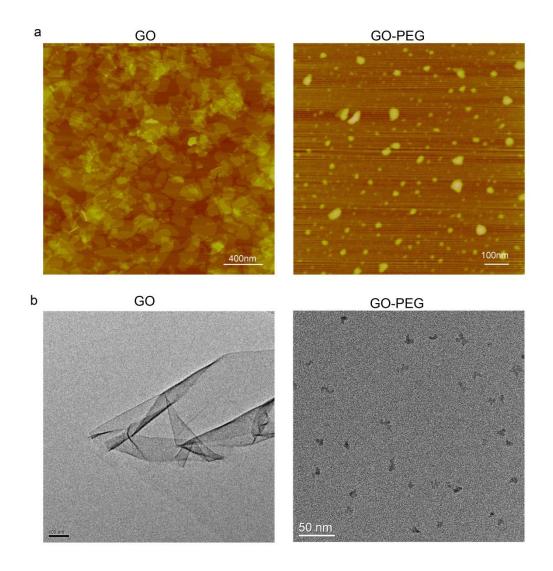


Fig. S1 (a) AFM and (b) TEM images of GO and GO-PEG.

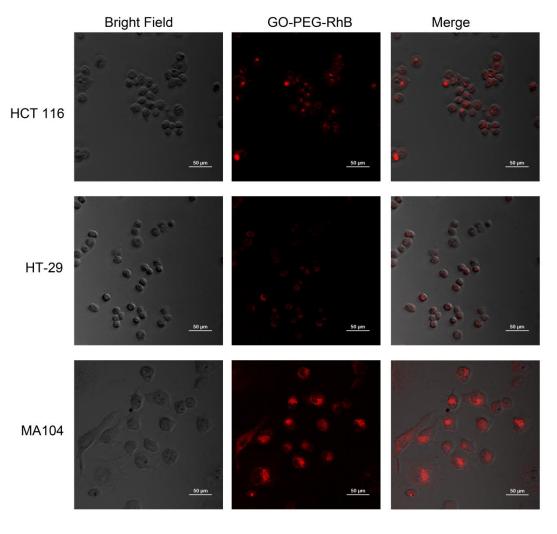


Fig. S2. Confocal fluorescence images of HCT 116, HT-29, and MA 104 cells incubated with GO-PEG labeled with RhB for 2 h at 37  $^{\circ}$ C.

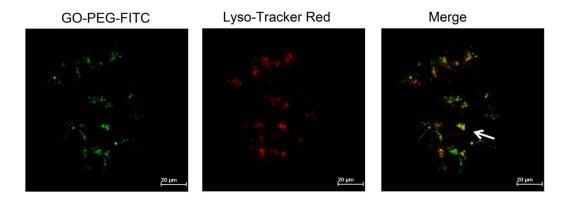


Fig. S3. The cellular uptake pathway of GO-PEG. Confocal fluorescence images of HCT 116 cells incubated with GO-PEG-FITC for 18 h, and then fixed by 4% paraformaldehyde. The lysosomes of the cells were stained Lyso-Tracker Red.