

Supporting Information for
**Graphene Oxide Induces Toll-like Receptor 4 (TLR4)-Dependent Necrosis in
Macrophages**

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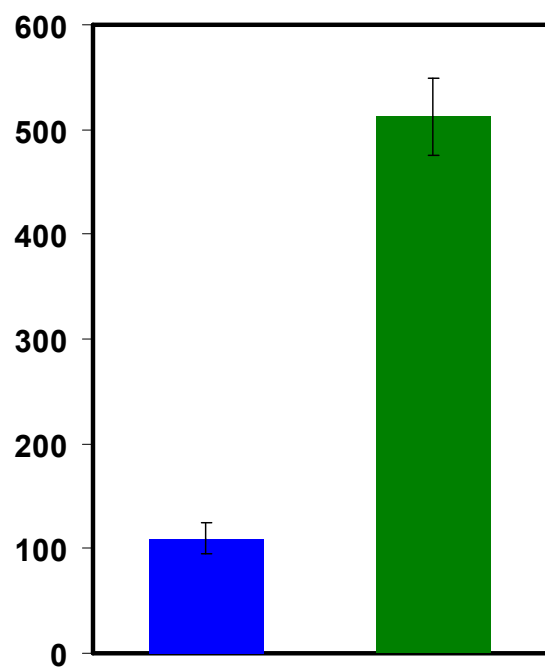


Figure S1. Production of TNF- α upon GO treatment. J774A.1 cells were treated with GO at 40 $\mu\text{g/ml}$ for 24 h, and then TNF- α in culture medium was measured by ELISA (n=3).

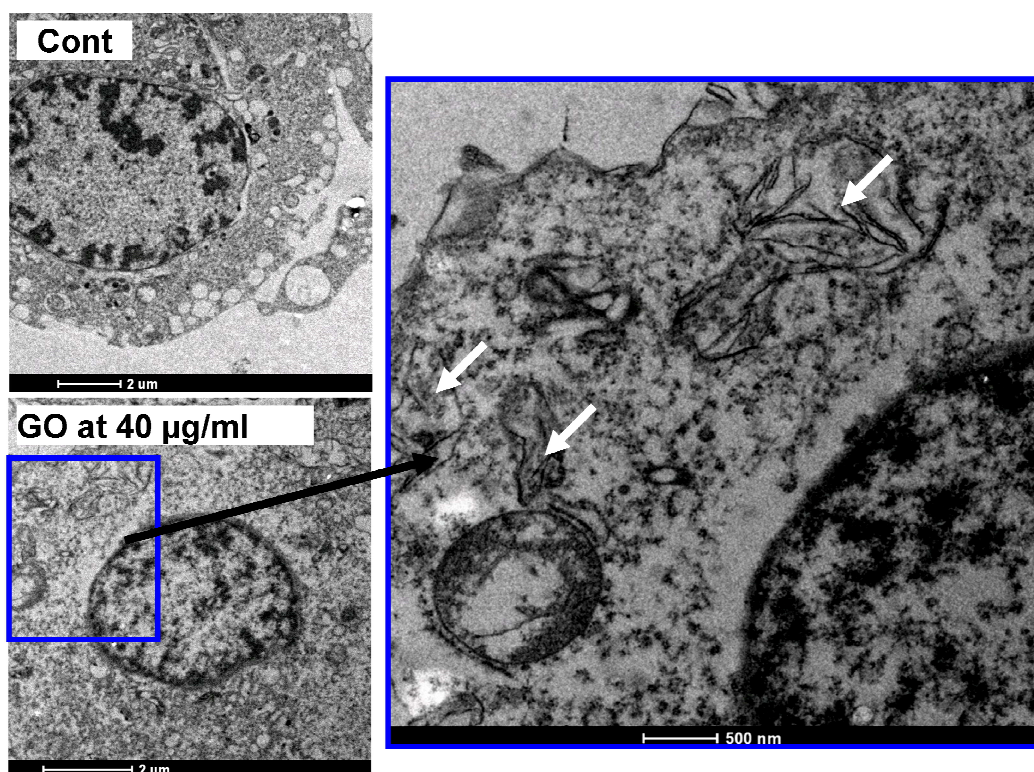


Figure S2. TEM image of GO. The representative TEM image shows GO localization inside cytoplasm after 40 $\mu\text{g/ml}$ treatment for 24 h. Arrows show the deep lines representing the cross section of GO.