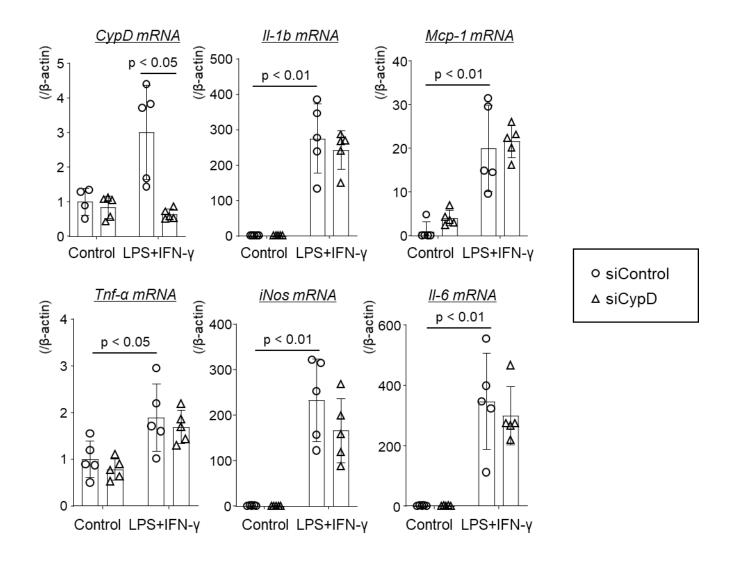
Simultaneous Targeting of Mitochondria and Monocytes Enhances Neuroprotection against Ischemia-reperfusion Injury

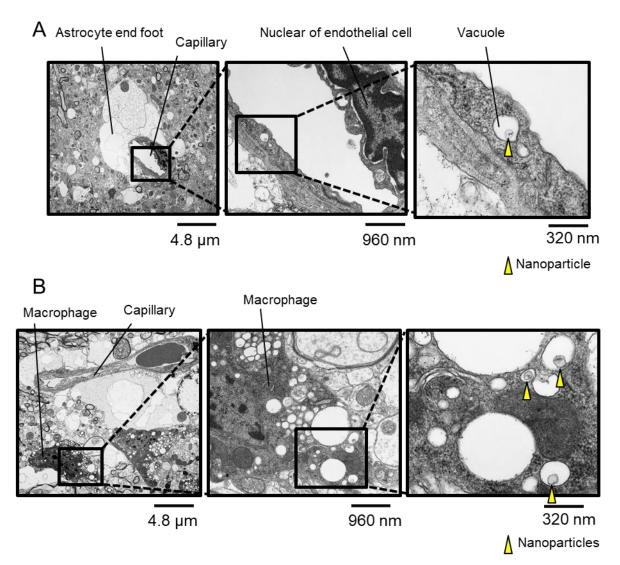
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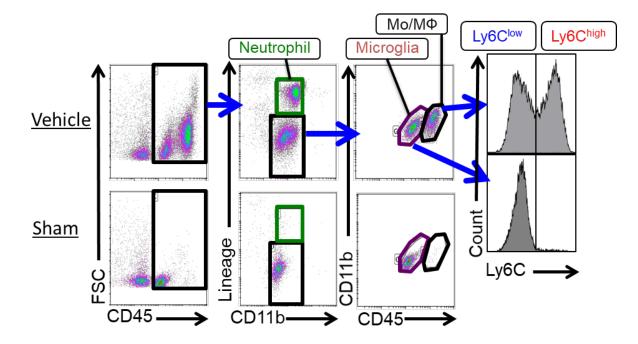
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Supplemental Figure 1. siRNA-mediated knockdown of CypD in RAW264.7 cells. RAW264.7 cells were treated with 10 ng/mL and 10 ng/mL IFN-γ for 24 hours. siControl; control scramble siRNA, siCypD: CypD targeting siRNA. N=5.



Supplemental Figure 2. Electron microscopic images of the brain tissue acquired 6 hours after IR injury. FITC-NPs (containing 4 mg/kg FITC) were intravenously injected at the time of reperfusion. PLGA-NPs were observed in vesicular structures of vascular endothelial cells (A) and macrophages (B). Arrowhead indicates PLGA-NP.



Supplemental Figure 3. Flow cytometric gating strategy for the neutrophil, microglia and monocyte/macrophage populations.