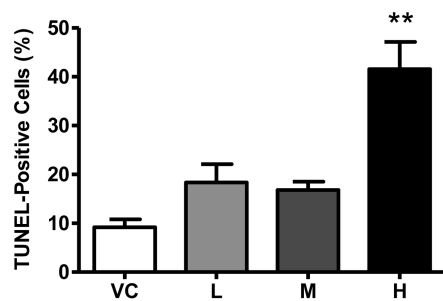


Methylene Blue Reduces Acute Cerebral Ischemic Injury via the Induction of Mitophagy

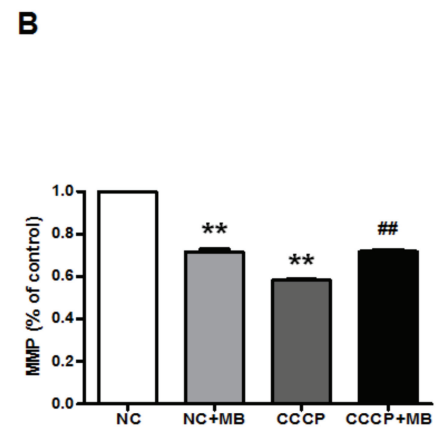
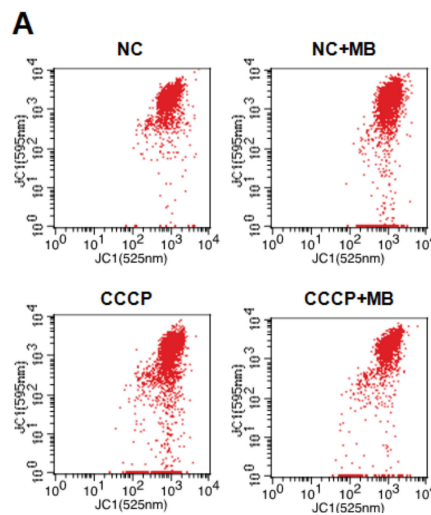
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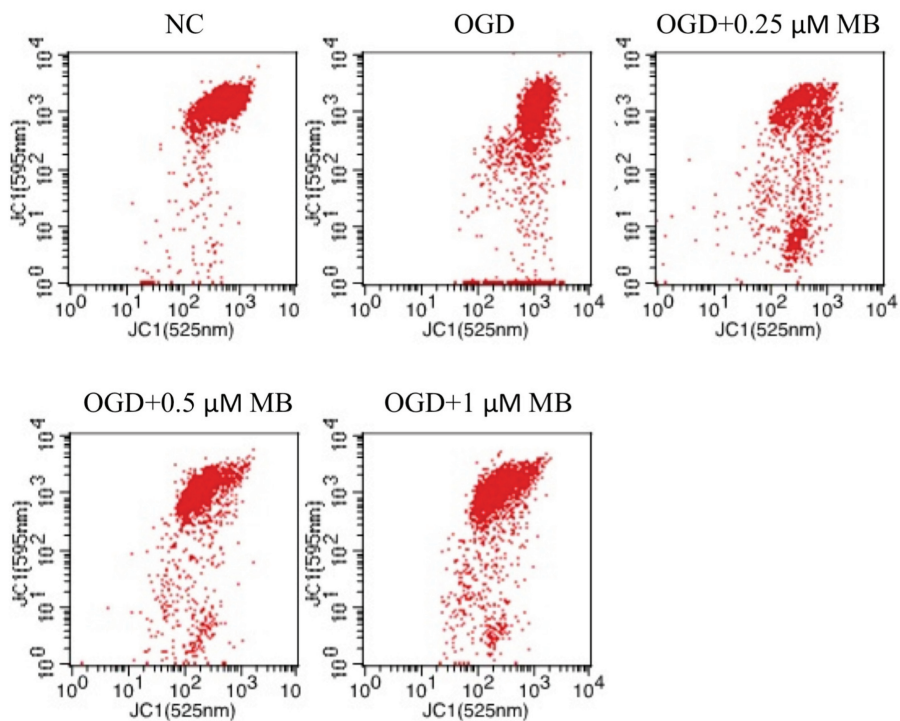


Supplementary Figure S1. The effect of MB on apoptosis at 24 h after MCAO. The quantification of the percentage of apoptotic cells based on the TUNEL staining in the brain sections. n=25; **P<0.01 compared with the VC.

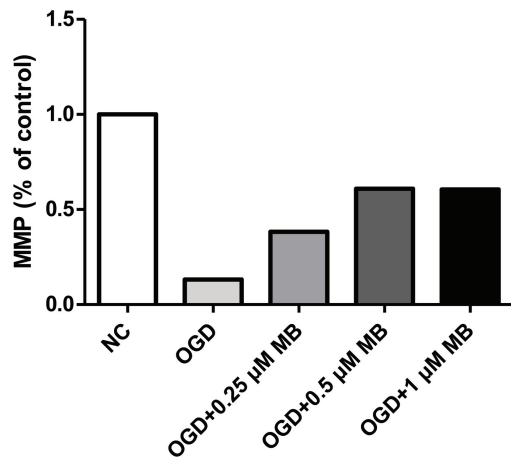


Supplementary Figure S2. The alleviation of MB on the decline of MMP induced by CCCP. (A) Flow cytometric analysis of MMP based on the fluorescence of JC-1. (B) Quantification of the MMP. n=4; **P<0.01 compared with the NC, ##P<0.01 compared with the CCCP treatment.

A



B



Supplementary Figure S3. The effects of different concentrations of MB on the MMP after cells were exposed to OGD for 2 h. (A) Flow cytometric analysis of MMP based on the fluorescence of JC-1. (B) The graphical representation of MMP flow cytometric analysis.