Supplementary Material

Diosbulbin B Induced Mitochondria-Dependent Apoptosis in L-02 Hepatocytes is Regulated by ROS-Mediated Autophagy

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Supplementary Fig S1

![Supplementary Fig S1](image)

(A-B) The levels of MDA and SOD in cells treated with DB(0,50,100,200\textmu M) for 48h were analyzed with a microplate reader. *P<0.01, **P<0.05, compared to control group.

Supplementary Fig S2
MDC staining assay was applied to detect autophagy in L-02 cells treated with DB(0,50,100,200µM) for 48h.

**Supplementary Fig S3**

The fluorescent images of JC-1 staining in L-02 cells treated with DB(0,50,100,200µM) for 48h.

**Supplementary Fig S4**

The fluorescence intensity of ROS in L-02 cells treated with DB(0,50,100,200µM) for 48h.

**Supplementary Fig S5**
Cell viability of L-02 cells applied with medium (control group), DB(100μM) and NAC(5mM) or the combination. *P<0.05, compared to control group.