

Secretory autophagosomes from alveolar macrophages exacerbate acute respiratory distress syndrome by releasing IL-1 β

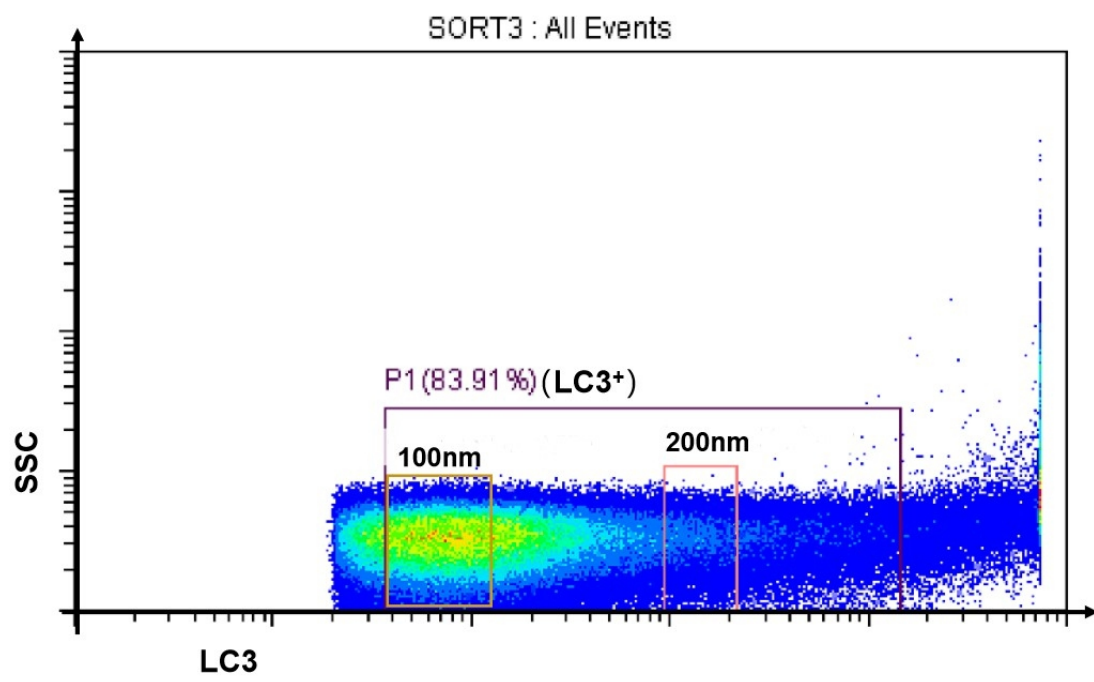
Supplementary Figure S1. The autophagosome-specific marker LC-3 of the isolated SAPs from RAW264.7 cells was detected by flow cytometry assays. The experiments have been repeated for three times.

Supplementary Figure S2. Western blot analysis revealed that compared with apoptotic bodies, microvesicles and exosomes from RAW264.7 cells, the expression patterns of Apaf-1 (a marker of apoptotic bodies), CD40L (a marker of MVs) and CD63 (a marker for exosomes) were not found in secretory autophagosomes released from RAW264.7 cells.

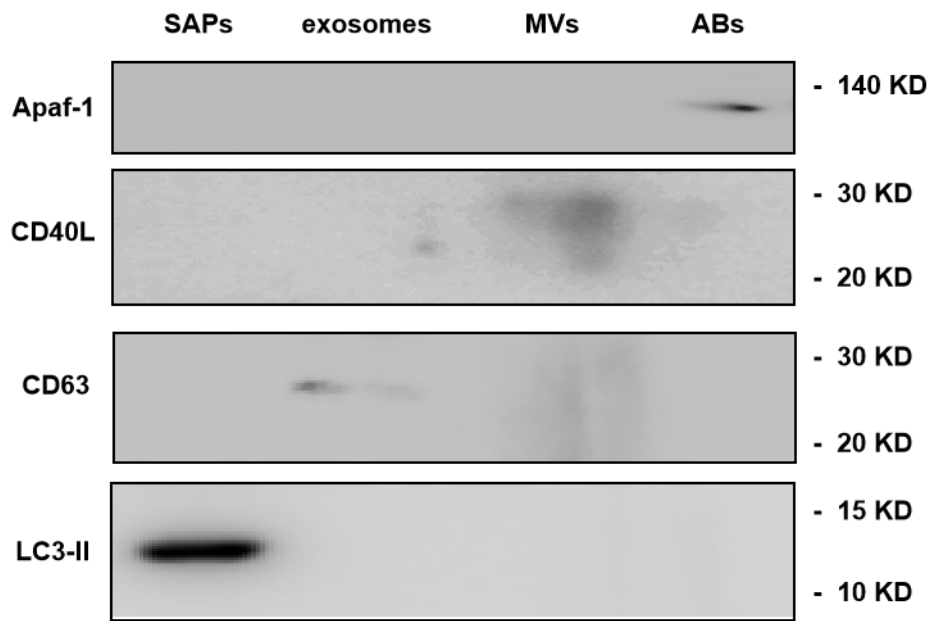
Supplementary Figure S3. The images of total protein staining of same sample used in Figure 2E.

Supplementary Figure S4. The mice were treated with rapamycin or 3-MA 2 hours before intratracheal LPS injection. A. Histopathological images of lung tissues from mice that were administered LPS with or without pretreatment by rapamycin or 3-MA (H&E staining, Scale bar = 200 μ m). B. The injury scores of the lung tissue (n = 7/each group). The experiments have been repeated for at least three times. Each value represents the mean \pm SD of three independent experiments, ns= not significance.

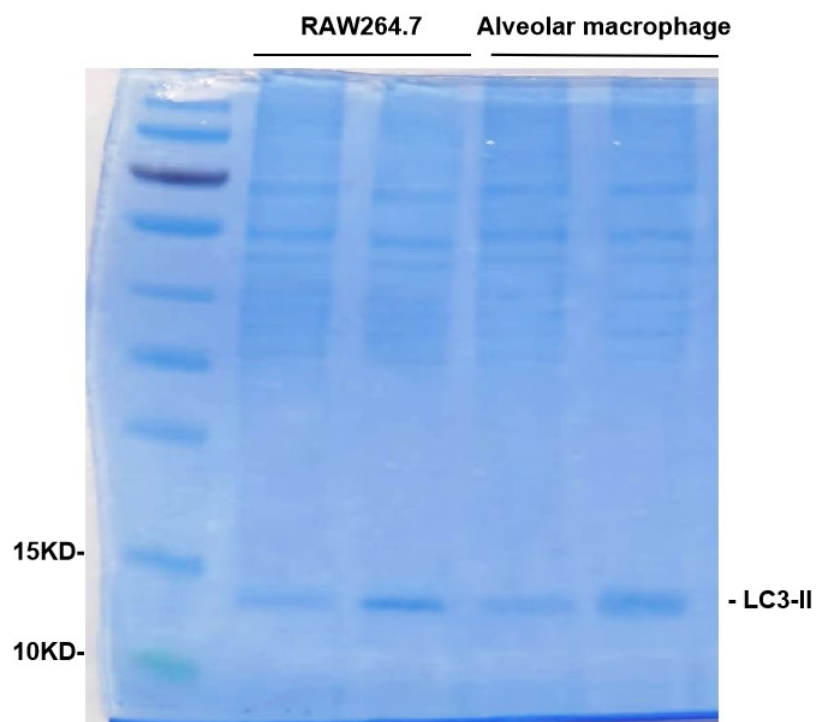
Supp Fig S1.



Supp Fig S2.



Supp Fig S3.



Supp Fig S4.

