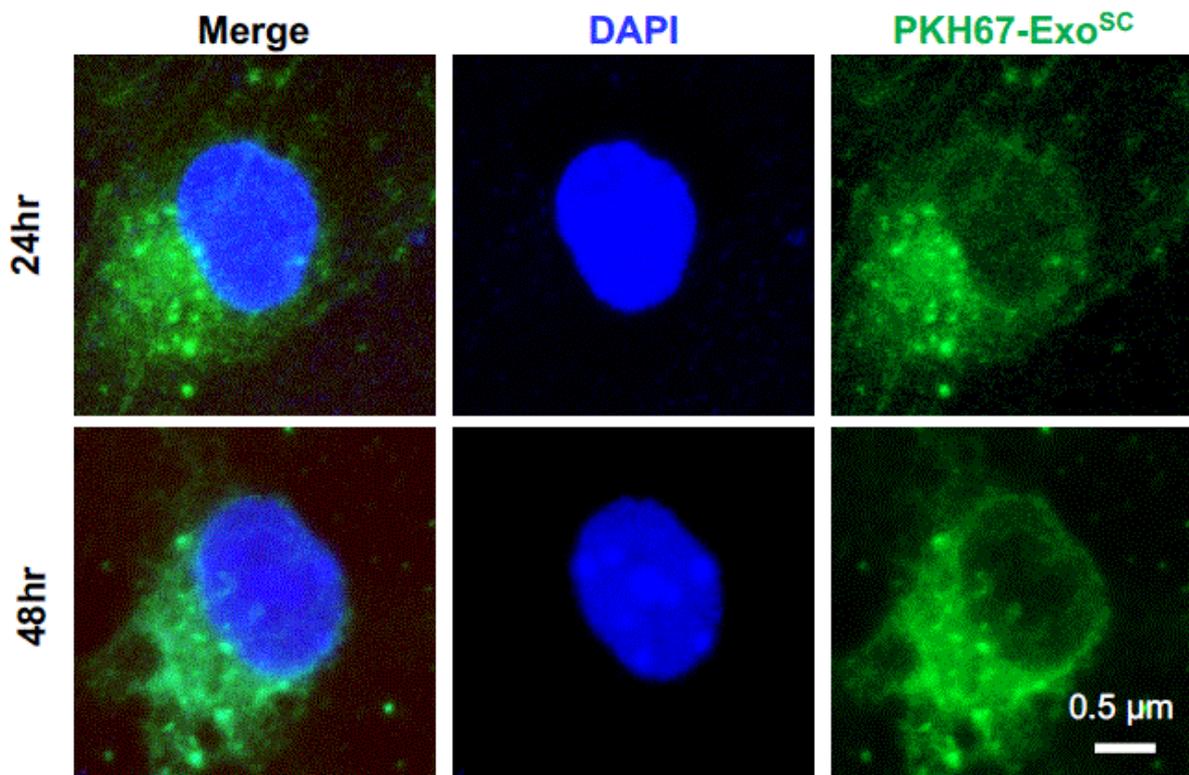


Supplementary Figure 1. Comparison of exosome separation using the 'H' method with that using other conventional methods. SCs were cultured in 100 mm culture dishes (10.5 mL culture medium). To compare magnification-based exosome separation with other conventional methods such as ultracentrifugation and precipitation-based centrifugation (company S and T), 2 mL total conditioned medium were subjected to exosome separation. Representative immunoblots (left) and quantification results (right) for CD63 following isolation using the following methods are shown: unprocessed (Non-processed, conditioned medium before exosome separation was used as a control), the 'H' method, ultracentrifugation (UC), company S, and T.



Supplementary Figure 2. Uptake of EXOSC by MNs. Exosomes separated in conditioned medium from SCs were labeled with PKH67. Uptake of PKH67-labeled EXOSC (green) by MNs after co-incubation in vitro. Fixed MNs were treated with

DAPI and mounted. Representative images of MNs at (top) 24 h and (bottom) 48 h after co-incubation with PKH67-labeled EXO SC. Scale bar, 0.5 μm .