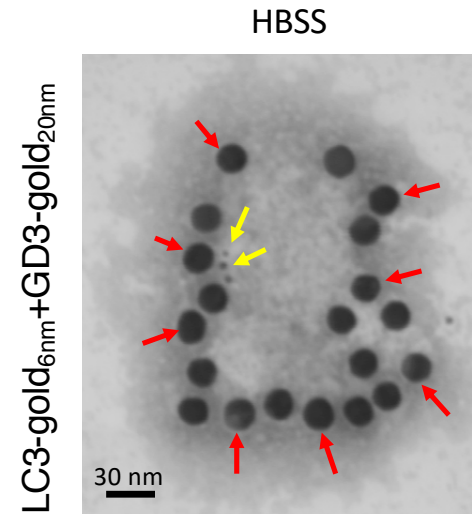


Supplementary Figure S1. CD63 analysis of small and large EVs released by HT1080-derived 2FTGH cells after autophagy stimulation.

Immunoblots of large EVs (IEVs), and small EVs (sEVs) fractions from cells, untreated or treated with HBSS, using anti-CD63 antibodies. The observed MW may vary in the range of 25-65, *(predicted MW: 26 kDa), depending on post translational modifications, post translational cleavages, relative charges and other experimental factors, including unreducing condition. Therefore there really is no consensus molecular weight. A representative experiment among 3 is shown.



Supplementary Figure S2. Stimulation of autophagy leads to the association of LC3-II and GD3 within small EVs. Representative TEM image of the immunogold double labelling of sEVs from 2FTGH cells treated with HBSS for 4 h at 37°C (scale bar 30 nm) to detect LC3-II (6 nm gold particles, yellow arrows) and GD3 (20 nm gold particles, red arrows) at the EV surface.