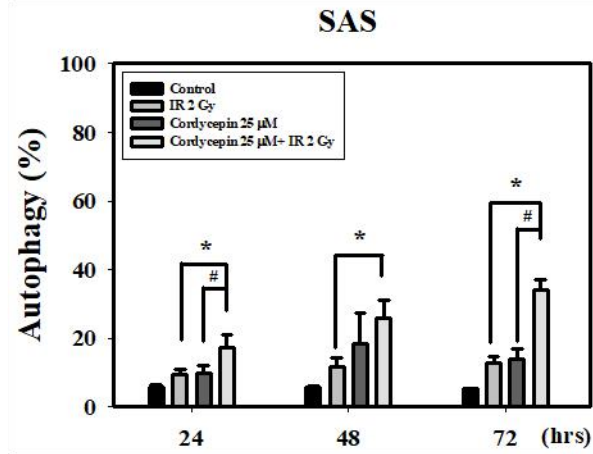
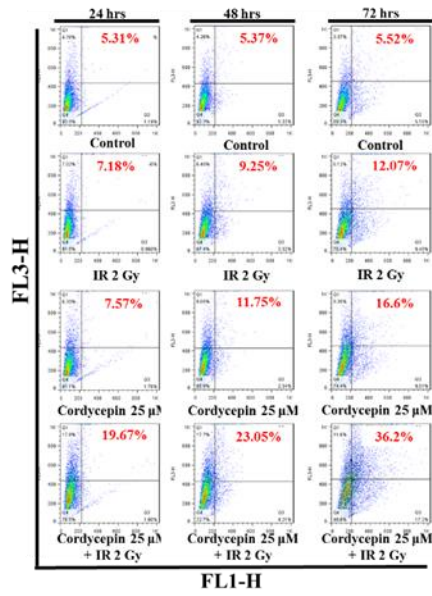


Figure S1. Measurement of apoptosis in SAS cells receiving various treatments. Early apoptosis detection was measured by flow cytometry with an annexin V apoptosis detection kit. (a) Cells were treated with 2 Gy IR and/or 25 μM cordycepin for 24, 48 and 72 h. (b) Cells were treated with 4 Gy IR and/or 25 μM cordycepin for 24, 48 and 72 h. (c) Cells were treated with 4 Gy IR and/or 50 μM cordycepin for 24, 48 and 72 h. $^{\#}p < 0.05$, cordycepin versus IR + cordycepin. $^*p < 0.05$, IR versus IR + cordycepin.

a



b

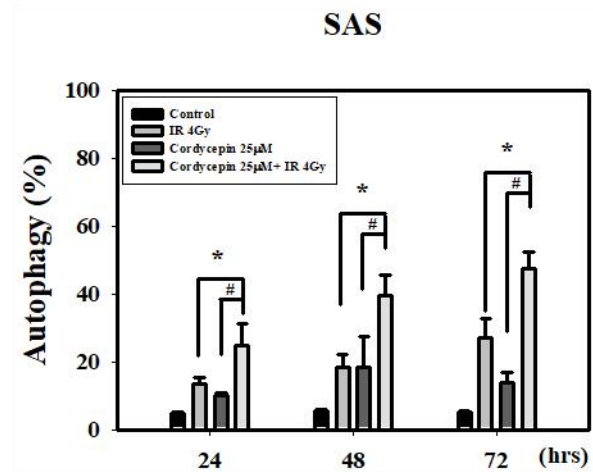
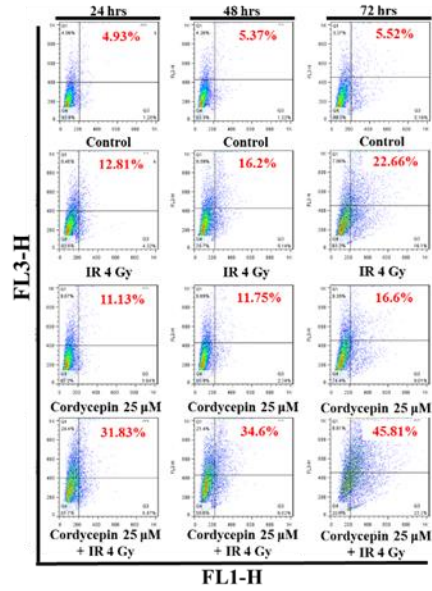


Figure S2. Measurement of autophagy in SAS cells receiving various treatments. Measurement of autophagy in SAS cells.

Detection of green and red fluorescence in AO-stained cells using flow cytometry. Quantification of AVOs with AO using flow cytometry. (a) SAS cells were treated with IR (2 Gy) and/or cordycepin (25 μM) for 24, 48 and 72 h. (b) SAS cells were treated with IR (4 Gy) and/or cordycepin (25 μM) for 24, 48, and 72 h. $^{\#}p < 0.05$, cordycepin versus IR + cordycepin. $*p < 0.05$, IR versus IR + cordycepin.