

**Supplementary Figure 4** Inhibition of TMZ-induced autophagy induces apoptosis in glioma cells.(**A**) The U87 GFP-LC3 cells were treated as described in Fig. 6A following by determining of the percentage of the AO-positive cells (*left*) and the AO red intensity (*right*). (**B**) Representative images of the same field treated with TMZ+3MA over time (3, 5 and 7 d); *left image* -cells treated with TMZ+3MA; scale bar: 30 µm; *right images* – detail of two apoptotic cells (cells A and B) triggered after the 3MA treatment.