Figure S1. Plasma IL-6 concentration after AOM + DSS treatment. Error bars represent the mean ± S.D. (n = 6), *p < 0.05. Control: C57BL/6j treated with vehicle, NAC: C57BL/6j treated with N-acetyl-L-cysteine, AD: C57BL/6j treated with AOM + DSS, ADN: C57BL/6j treated with AOM + DSS + N-acetyl-L-cysteine, GC: C57BL/6j Gp91phox+/-, GKO: Gp91phox-/-, GC-AD: Gp91phox+/- treated with AOM + DSS, GKO-AD: Gp91phox-/- treated with AOM + DSS. AOM: azoxymethane, DSS: dextran sodium sulfate, IL-6: interleukin 6, S.D.: standard deviation.
Figure S2. Colonic tumorigenesis after AOM + DSS treatment. Arrows indicate tumors. Control: C57BL/6j treated with vehicle, NAC: C57BL/6j treated with N-acetyl-L-cysteine, AD: C57BL/6j treated with AOM + DSS, ADN: C57BL/6j treated with AOM + DSS + N-acetyl-L-cysteine, GC: C57BL/6j Gp91phox+/+, GKO: Gp91phox−/−, GC-AD: Gp91phox+/+ treated with AOM + DSS, GKO-AD: Gp91phox−/− treated with AOM + DSS. AOM: azoxymethane, DSS: dextran sodium sulfate.
Figure S3. Dorsal skin sections were stained with hematoxylin and eosin. Scale bar = 100 μm. Representative photomicrographs of dorsal sections in each experimental group. The arrow indicates infiltration of inflammatory cells.