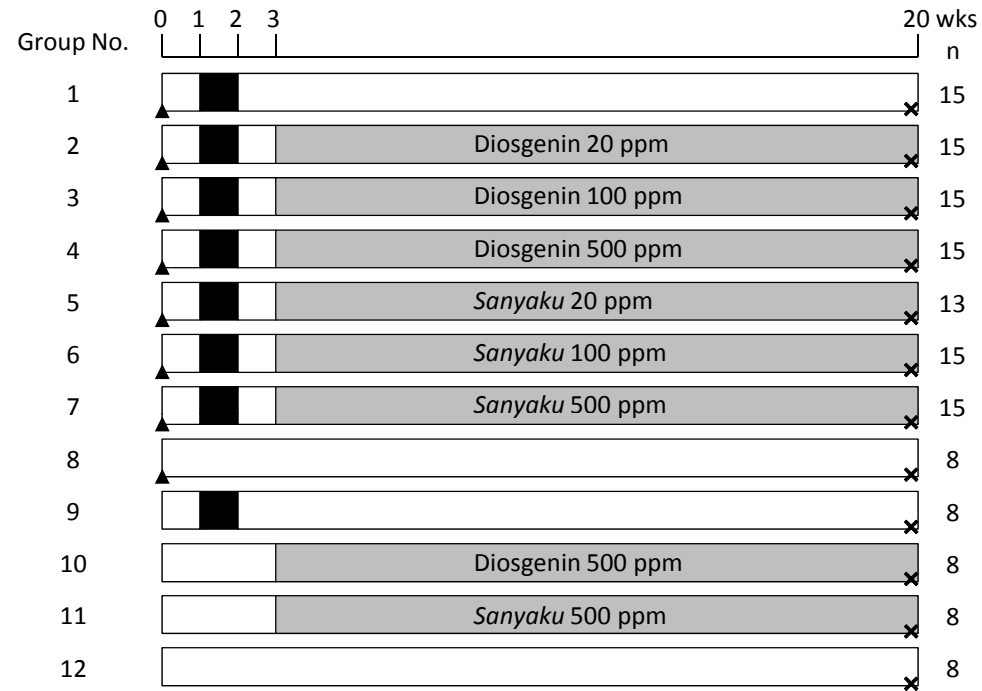


Supplemental figure 1



Supplemental figure 1 Experimental protocol used in this study.

▲: AOM (10 mg/kg i.p.); ■: 1.5% DSS in drinking water; □: Basal diet and tap water;
 □ : Diosgenin or *sanyaku*; ×: Sacrifice.

Supplemental Table 1. Body weight, liver weight and length of large bowel of mice at week 20

Group no.	Treatment	No. of mice examined	Body weight (g)	Liver weight (g)	Relative liver weight (g/100 g body weight)	Length of colon (cm)
1	AOM/DSS	15	45.1±4.1	2.4±0.3	5.2±0.6	14.1±0.9
2	AOM/DSS + 20 ppm diosgenin	15	43.1±3.3	2.6±0.4	5.9±0.7	13.7±0.8
3	AOM/DSS + 100 ppm diosgenin	15	46.8±4.8	2.6±0.3	5.5±0.4	14.1±1.0
4	AOM/DSS + 500 ppm diosgenin	15	45.3±5.6	2.6±0.3	5.8±0.8	14.3±1.0
5	AOM/DSS + 20 ppm <i>sanyaku</i>	13	44.3±4.8	2.6±0.4	5.8±0.7	13.5±1.0
6	AOM/DSS + 100 ppm <i>sanyaku</i>	15	45.9±4.7	2.5±0.3	5.4±0.7	14.2±0.8
7	AOM/DSS + 500 ppm <i>sanyaku</i>	15	45.1±3.9	2.6±0.3	5.9±0.7	14.1±0.8
8	AOM	5	42.1±2.7	2.4±0.4	5.8±0.8	14.4±0.5
9	DSS	5	43.4±2.4	2.2±0.2	5.1±0.5	13.9±1.1
10	500 ppm diosgenin	5	45.1±4.2	2.3±0.1	5.1±0.4	13.5±1.4
11	500 ppm <i>sanyaku</i>	5	42.3±2.4	2.1±0.1	5.1±0.4	14.0±0.9
12	Untreated	5	43.0±3.2	2.2±0.3	5.1±0.4	14.3±1.3

All data shown as the mean±SD.