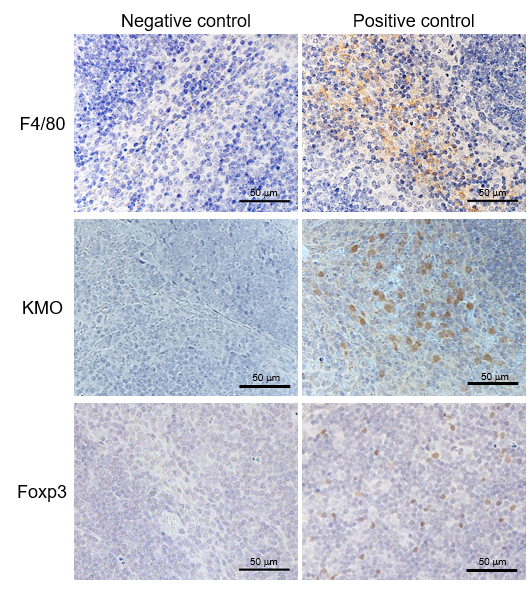
テキスト が含まれている画像

自動的に生成された説明

**Supplementary Figure 1 Representative images of histological grading of colitis.** Colonic inflammation was scored from Grade 0 as the mildest inflammation to Grade 5 as the most severe inflammation, as described in Materials and Methods.



**Supplementary Figure 2 Representative images of control staining of F4/80, KMO and Foxp3.** Control stainingof F4/80, KMO and Foxp3 by immunohistochemistry of spleen sections.



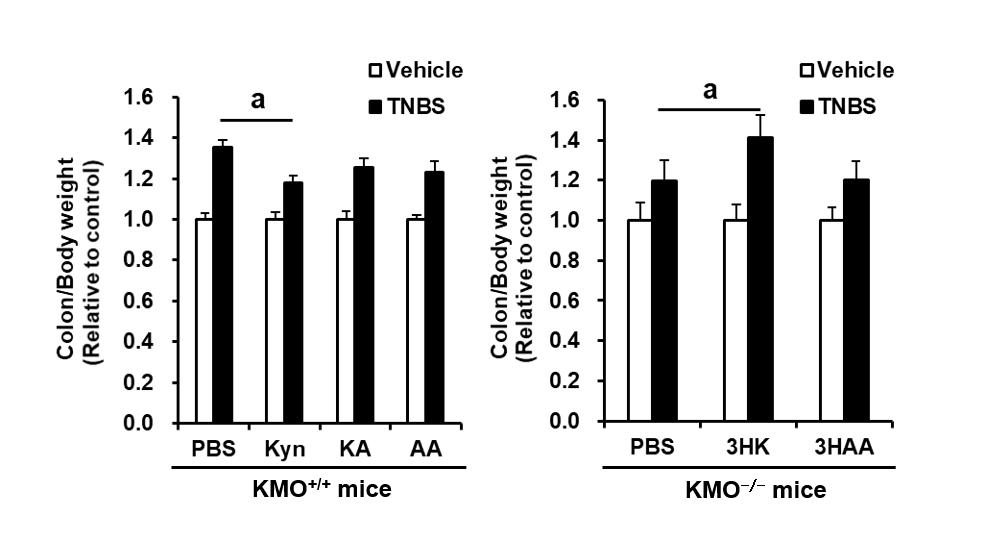
**Supplementary Figure 3 Representative images of negative control staining of F4/80, CD19, CD11c, and anti-inflammatory cytokines.** Representative images of negative control staining of F4/80, CD19, CD11c, KMO TGF-β, IL-10, and Foxp3. Immunofluorescent staining was used on colon sections.



**Supplementary Figure 4 Changes in the ratio of colon to body weight in** **KMO+/+ mice and KMO−/− mice.** The ratios of colon to body weight were assessed on day 3 among the four groups (vehicle: KMO+/+, *n* = 5; and KMO−/−, *n* = 5; TNBS-treated: KMO+/+,*n* = 6; and KMO−/−, *n* = 5). The data are represented as mean ± SE. a*P* < 0.05 *vs* TNBS-treated KMO+/+mice group.



**Supplementary Figure 5 Representative images of staining of F4/80, CD19, CD11c, and KMO in KMO−/− mice.** Expressions of F4/80, CD19 and CD11c, KMO, and DAPI (nuclei) in the colon of TNBS-treated mice were examined by immunofluorescence staining.



**Supplementary Figure 6 Changes in the ratio of colon to body weight in** **KP metabolites-treated mice.** The ratios of colon to body weight were assessed on day 3 of KP metabolites-treatment after TNBS injection. The data are represented as mean ± SE. a*P* < 0.05 *vs* TNBS-treatedPBSmice group.



**Supplementary Figure 7 Representative images of H&E-staining in the colon of KP metabolites-treated mice.** Representative images of H&E-staining in the colon from KP indicated mice 12 h after TNBS injection.