Supplementary Methods

Colon lamina propria cell isolation and characterization

Lamina propria cells were isolated as previously described (23). Briefly, colons were harvested, cut into small 0.5 cm length sections, and incubated at 37ºC with stirring in HBSS (Gibco) supplemented with 2% FBS (Sigma), penicillin/streptomycin (Gibco) and 1 mM EDTA to remove epithelial cells followed by enzymatic digestion with 400U/mL Type II collagenase (Worthington) and 10μg/ml DNase I (Worthington) for at least two hours at 37ºC with stirring. Lamina propria cells were further enriched by centrifugation on a 40%/75% Percoll gradient. Lamina propria cells were then stained by antibodies to Gr-1 (Ly6-G and Ly6-C, BD Biosciences), CD11b, CD11c, and F4/80 (Ebioscience) and analyzed by flow cytometry. Cells were also sorted based on their surface marker expression, cytospun in PBS at 1000 rpm onto glass slides and stained with Hema 3 stain set (Fisher diagnostics) similar to the traditional Wright and Wright-Giemsa to identify cellular morphology.

Primer Sequences

IL-1β forward: 5'-GATCCACACTCTCCAGCTGCA-3', reverse: 5'-CAACCAACAAGTGATATTCTCCATG-3'

IL-6 forward: 5'-CACATGTTCTCTGGGAAATCG-3', reverse: 5'-TTTCTGCAAGTGCATCATCG-3'

Actin forward: 5'-CAACTTGATGTATGAAGGCTTTGGT-3', reverse: 5'-ACTTTTATTGGTCTCAAGTCAGTGTACAG-3'

MIP-2 forward: 5'-AGGCTACAGGGGCTGTTGTG-3', reverse: 5'-CGTCACACTCAAGCTCTGGAT-3'

IL-22 forward: 5'-GTCAACCGCACCTTTATGCT-3', reverse: 5'-GAACAGTTTCTCCCCGATGA-3'

CXCL1 forward: 5'-GGATTCACCTCAAGAACATCCAGAG-3', reverse: 5'-CACCCTTCTACTAGCACAGTGGTTG-3'

TNFα forward: 5'-CATCTTCTCAAAATTCGAGTGACAA-3', reverse: 5'-TGGGAGTAGACAAGGTACAACCC-3'

c-myc forward: 5'-GTGCTGCATGAGGAGACACC-3', reverse: 5'-TTTGCCTCTTCTCCACAGACA-3'

epiregulin forward: 5'-CGCTGCTTTGTCTAGGTTCC-3', reverse: 5'-CAGTTATCCTCGGATTCTCCTG-3'

MMP-12 forward: 5'-GGAGCTCACGGAGACTTCAA-3', reverse: 5'-TTCTGCCTCATCAAAATGTGC-3'

Reg3γ forward: 5'-TCAGGTGCAAGGTGAAGTTG-3', reverse: 5'-GGCCACTGTTACCACTGCTT-3'

CCL3 Forward: 5'-ACCATGACACTCTGCAACCA-3', Reverse: 5'-GATGAATTGGCGTGGAATCT-3'.

Immunohistochemistry

Slides were stained with anti-β-catenin (Biogenex). Antigen retrieval was performed using a citrate-based buffer (Biocare, Reveal) and slides were processed using a Biocare automated staining system.

Statistical Analysis

Survival curves were assessed by log-rank test (Prism software, GraphPad). Comparison of cell recruitment levels, tumor counts and cytokine measurements were performed using the Student's unpaired t-test. P values less than 0.05 were considered statistically significant.