

Supplemental material

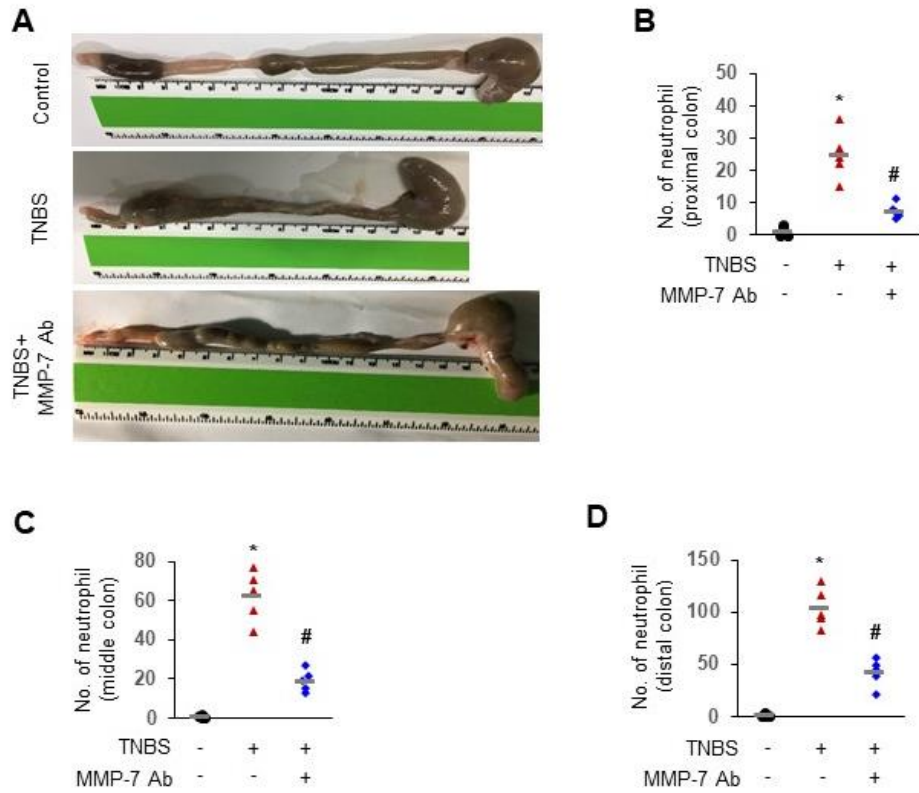


Figure S1. Anti-MMP-7 antibody ameliorates colon shortening and neutrophil infiltration in rats treated with TNBS. (A) Representative images of the rat colons. **(B)** Numbers of neutrophils in the proximal colons of all 3 groups of rats. **(C)** Numbers of neutrophils in the middle colons. **(D)** Numbers of neutrophils in the distal colons.

Table S1. Primers used in SYBRGreen-based RT-qPCR.

Gene name	Primer name	Primer sequence
Human <i>MMP7</i>	MMP7-F	5'-ACCAACTGGCCCTAAAAGGATT-3'
	MMP7-R	5'-AGAGGAATGTCCCATACCCA-3'
Human <i>GAPDH</i>	GAPDH-F	CCAGCAAGAGCACAAAGAGGA
	GAPDH-R	GAGATTCAGTGTGGTGGGGG
Rat <i>Mmp7</i>	Mmp7-F	CTCTCTGGGTCTGGGTCACT
	Mmp7-R	AAGGGCGTTTGCTCATTCCA
Rat <i>Gapdh</i>	Gapdh-F	ACAGCAACAGGGTGGTGGAC
	Gapdh-R	TTTGAGGGTGCAGCGAACTT
Mouse <i>Mmp7</i>	mmp7-F	CTAGGCGGAGATGCTCACTTT
	mmp7-R	AATTCATGGGTGGCAGCAAAC
Mouse <i>Il1b</i>	Il1b-F	TTTCGTGAATGAGCAGACAGC
	Il1b-R	GTTTCTTG TGACCCTGAGCGA
Mouse <i>Il6</i>	Il6-F	ACAAAGCCAGAGTCCTTCAGAG
	Il6-R	GGGAAGCACTCACCTCTTGG
Mouse <i>Il18</i>	Il18-F	ACCCTCTCTGTGAAGGATAGTA
	Il18-R	CAAACCCATCTTGTGTGTCC
Mouse <i>Gapdh</i>	gapdh-F	CGTGTTCCACCCCAATGT
	gapdh-R	TCAGATGCCTGCTTACCAC
Mouse <i>Mmp3</i>	mmp3-F	TTGACTCAAGGGTGGATGCT
	mmp3-R	CAACTGCCAAGATCCACTGA
Mouse <i>Mmp9</i>	mmp9-F	GAGTTCTCTGGTGTGCCCTG
	mmp9-R	TTGGAAACTCACACGCCAGA
Mouse <i>Muc2</i>	muc2-F	TCCCGACTTCAACCCAAGTG
	muc2-R	GACGGAGACAGCAGAGCAAG
Mouse <i>Muc3</i>	muc3-F	CCAGCCTTCCCTAAACCACATAA
	muc3-R	GCTAAACACGCTTCTCCTCA
Mouse <i>Muc4</i>	muc4-F	CTGCGCATCCTTACCATCTA
	muc4-R	GATCCCGTAGAATGCCCAAG
Mouse <i>Nlrp3</i>	nlrp3-F	CAGAAGCTGGGGTTGGTGAA
	nlrp3-R	AGTTTACAGTCCGGGTGCAG
Mouse <i>Ocln</i>	ocln-F	ACATGGCTGCTGCTGATGAA
	ocln-R	CCGTCTGTCATAATCTCCCACC
Mouse <i>Tjp1</i>	tjp1-F	TGAGCCCCCTAGTGATGTGT
	tjp1-R	GCAAAAGACCAACCGTCAGG
Mouse <i>Tnfa</i>	tnfa-F	CTTCCTCACAGAGCCAGCC
	tnfa-R	AAGACAGCTTCCCACACTGG
Mouse <i>Ctnnb1</i>	ctnnb1-F	CGAATGGATCACAAGATGGCG
	ctnnb1-R	AAGCAAAGTCAGCACCCTA
Mouse <i>Cdh1</i>	cdh1-F	GGGACAGCAACATCAGCGAA
	cdh1-R	GGATAGGTCTCACCGCTGT
Mouse <i>Cldn1</i>	cldn1-F	TGCAAAGATGTTTTGCCACAG
	cldn1-R	ATTTGTGTAGTTTGGCAAGTATCA
Mouse <i>Cldn7</i>	cldn7-F	CTGCAACTGCTGGGCTTTTC
	cldn7-R	GGCTGTGATGATGTTGTGCG
Mouse <i>Cldn8</i>	cldn8-F	TAGTCCAGACCTCCAGGCAT
	cldn8-R	CATTCCGAGGATGGCTGTCA
Mouse <i>Cldn13</i>	cldn13-F	TGCATTGAGACCCCTAGTGC
	cldn13-R	AGTTTTCCCCTCCAGACGTG
Mouse <i>Cldn15</i>	cldn15-F	GATCACCGCCATCCTCCTG
	cldn15-R	AGATCCATGTTGCCACGTT
Mouse <i>Rn18S</i>	rn18s-F	GTAACCCGTTGAACCCATT
	rn18s-R	CCATCCAATCGGTAGTAGCG