

Supplementary materials

Table S1. Information of the primary antibodies.

Primary antibody	Manufacture	Cat #	Dilution
Nlrp3	Cell Signaling Technology	15101S	1:1000
Phospho-NFκB-p65 (ser536)	Cell Signaling Technology	13346S	1:1000
NFκB p-65	Santa Cruz Biotechnology	sc-8008	1:200
Phospho-TYK 2 (Tyr-1054/1055)	Cell Signaling Technology	9321S	1:500
TYK 2	Cell Signaling Technology	14193S	1:1000
TNFα	Cell Signaling Technology	3707	1:500
PANX-1	Cell Signaling Technology	91137S	1:1000
Cox-2	Cell Signaling Technology	12282	1:1000
β-actin	Santa Cruz Biotechnology	sc-47778	1:200
GAPDH	Santa Cruz Biotechnology	sc-32233	1:200
Phospho-STAT3(Tyr-705)	Santa Cruz Biotechnology	sc-8059	1:200
STAT3	Santa Cruz Biotechnology	sc-8019	1:200
IL-1β	Abcam	ab216995	1:500
GAPDH	Cell Signaling Technology	2118	1:1000
Tubulin	Santa Cruz Biotechnology	sc-8035	1:200
IL-6	Cell Signaling Technology	12153	1:1000

Table S2. The sequences of primers used for q-RT-PCR.

<i>Human-IL-6</i>	Forward	GGAGACTTGCCTGGTGAAA
<i>Human-IL-6</i>	Reverse	CTGGCTTGTTCTCACTACTC
<i>Human-COX-2</i>	Forward	TACTGGAAGCCAAGCACTTT
<i>Human-COX-2</i>	Reverse	GGACAGCCCTTCACGTTATT
<i>Human-TNFα</i>	Forward	CCAGGGACCTCTCTCTAATCA
<i>Human-TNFα</i>	Reverse	TCAGCTTGAGGGTTTGCTAC
<i>Human-Pannexin-1(PANX-1)</i>	Forward	GTGTGCAGCATCAAATCAGG
<i>Human-Pannexin-1(PANX-1)</i>	Reverse	GACACTGAGCAACTGGAAGA
<i>Human-P2X7</i>	Forward	CTTCCGAGAAACAGGCGATAA
<i>Human-P2X7</i>	Reverse	TAGGTTGCAGTCCCAGTAGA
<i>Human- NLRP3</i>	Forward	GAAGAGGAGTGGATGGGTTTAC
<i>Human- NLRP3</i>	Reverse	TCTGCTTCTCACGTACTIONTCTG
<i>Human-IL-1β</i>	Forward	CCTTAGGGTAGTGCTAAGAGGA
<i>Human-IL-1β</i>	Reverse	AAGTGAGTAGGAGAGGTGAGAG
<i>Human-ACTIN</i>	Forward	GGCATCCTCACCTGAAGTA
<i>Human-ACTIN</i>	Reverse	CACACGCAGCTCATTGTAGAAG
<i>Human-GAPDH</i>	Forward	CAGGAGGCATTGCTGATGAT
<i>Human-GAPDH</i>	Reverse	GAAGGCTGGGGCTCATT