

Table S1. The information on the primary antibodies

Primary antibody	Manufacture	Cat #	Dilution
Nlrp3	Cell Signaling Technology	15101S	1:1000
Phospho-NF- κ B-p65 (ser536)	Cell Signaling Technology	13346S	1:1000
NF κ B-p-65	Santa Cruz Biotechnology	sc-8008	1:200
Phospho-TYK 2 (Tyr-1054/1055)	Cell Signaling Technology	9321S	1:500
TNF α	Cell Signaling Technology	3707	1:500
PANX-1	Cell Signaling Technology	91137S	1:1000
PPAR γ	Cell Signaling Technology	2430	1:1000
Cox-2	Cell Signaling Technology	12282	1:1000
Cleaved Caspase-1	Cell Signaling Technology	4199	1:500
cPLA2	Santa Cruz Biotechnology	sc-376618	1:200
CB1R	Santa Cruz Biotechnology	sc-293419	1:200
β -actin	Santa Cruz Biotechnology	sc-47778	1:200
GAPDH	Santa Cruz Biotechnology	sc-32233	1:200
Phospho-STAT-3(Tyr-705)	Santa Cruz Biotechnology	sc-8059	1:200
STAT-3	Santa Cruz Biotechnology	sc-8019	1:200
Pro-Caspase-1	Santa Cruz Biotechnology	sc-392736	1:200
IL-1 β	Abcam	ab216995	1:500
β -actin	Abcam	ab8227	1:2000
GAPDH	Cell Signaling Technology	2118	1:1000
α -tubulin	Santa Cruz Biotechnology	sc-8035	1:200
IL-6	Cell Signaling Technology	12153	1:1000
TYK-2	Cell Signaling Technology	14193S	1:1000
Phospho-STAT-1 (S727)	Abcam	ab109461	1:1000
STAT-1	Abcam	ab92506	1:1000

Table S2. The sequence of qRT-PCR primers

<i>IL-6</i>	Forward	GGAGACTTGCCTGGTGAAA
	Reverse	CTGGCTTGTCCTCACTACTC
<i>COX-2</i>	Forward	TACTGGAAGCCAAGCACTTT
	Reverse	GGACAGCCCTTCACGTTATT
<i>cPLA2</i>	Forward	TTGGGCGTTTCTGGTTCA
	Reverse	CATCATCACTGTCCGAGCTATC
<i>TNF alpha</i>	Forward	CCAGGGACCTCTCTCTAATCA
	Reverse	TCAGCTTGAGGGTTTGCTAC
<i>Pannexin-1(PANX-1)</i>	Forward	GTGTGCAGCATCAAATCAGG
	Reverse	GACACTGAGCAACTGGAAGA
<i>P2X7</i>	Forward	CTTCCGAGAAACAGGCGATAA
	Reverse	TAGGTTGCAGTCCAGTAGA
<i>ADAR1</i>	Forward	GTCATCAATGGCCGAGAGTT
	Reverse	CTTGGCTTTGGCTTCCTCTA
<i>Nlrp3</i>	Forward	GAAGAGGAGTGGATGGGTTTAC
	Reverse	TCTGCTTCTCACGTACTTTCTG
<i>IL-1β</i>	Forward	CCTTAGGGTAGTGCTAAGAGGA
	Reverse	AAGTGAGTAGGAGAGGTGAGAG
<i>β-ACTIN</i>	Forward	GGCATCCTCACCTGAAGTA
	Reverse	CACACGCAGCTCATTGTAGAAG
<i>GAPDH</i>	Forward	CAGGAGGCATTGCTGATGAT
	Reverse	GAAGGCTGGGGCTCATTT