

Supplementary Table S1. Details of Primary and Second Antibodies.

Primary antibody	Source	Dilution	Incubation	Supplier
IgG (γ chain specific)	Rabbit	1:500	4°C, overnight	Dako, Denmark
phosphothreonine ERK-1/2	Mouse	1:500	4°C, overnight	Sigma-Aldrich, USA
Phospho-SAPK/JNK (Thr183/Tyr185)	Mouse	1:500	4°C, overnight	Cell Signaling Technology, USA
Phospho-p38 MAPK (Thr180/Tyr182)	Rabbit	1:500	4°C, overnight	Cell Signaling Technology, USA
Phospho-Ikk α / β (Ser176/180)	Rabbit	1:500	4°C, overnight	Cell Signaling Technology, USA
Phospho-I κ B α (Ser32)	Rabbit	1:500	4°C, overnight	Cell Signaling Technology, USA
Phospho-NF- κ B p65 (Ser536)	Rabbit	1:500	4°C, overnight	Cell Signaling Technology, USA
NF- κ B p65	Rabbit	1:500	4°C, overnight	Cell Signaling Technology, USA
TLR4	Mouse	1:500	4°C, overnight	Abcam, USA
TLR4 (PE)	Mouse		4°C, 30min	Abcam, USA
Flag	Rabbit	1:1000	4°C, overnight	GenScript, USA
TNF- α	Rabbit	1:100	4°C, overnight	BOSTER, China
IL-6	Rabbit	1:100	4°C, overnight	BOSTER, China
IL-1 β	Rabbit	1:100	4°C, overnight	BOSTER, China
β -actin	Rabbit	1:500	4°C, overnight	Sangon Biotech, China
Lamin A	Rabbit	1:500	4°C, overnight	BOSTER, China
Second antibody				
Alexa Fluor® 594-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)		1:300	Room temperature, 1h	ZSGB-BIO, China
Alexa Fluor® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)		1:300	Room temperature, 1h	ZSGB-BIO, China
IRDye 800 CW goat anti-mouse		1:15000	Room temperature, 1h	LI-COR Biosciences, USA
IRDye 680 CW goat anti-mouse		1:15000	Room temperature, 1h	LI-COR Biosciences, USA
IRDye 800 CW goat anti-rabbit		1:15000	Room temperature, 1h	LI-COR Biosciences, USA
IRDye 680 CW goat anti-rabbit		1:15000	Room temperature, 1h	LI-COR Biosciences, USA

Supplementary Table S2. RT-qPCR Primers

Gene name	RT-qPCR primers	Primer sequence 5' -3'	Size (bp)
IGHG1	Sense	ACTCCGACGGCTCCTTCTTC	20
	Antisense	TTCTGCGTGTAGTGG TTGTGC	21
TNF- α	Sense	CCTCTCTCTAATCAGCCCTCTG	22
	Antisense	GAGGACCTGGGAGTAGATGAG	21
IL-6	Sense	ACTCACCTCTTCAGAACGAATTG	23
	Antisense	CCATCTTTGGAAGGTTTCAGGTTG	23
IL-1 β	Sense	ATGATGGCTTATTACAGTGGCAA	23
	Antisense	GTCGGAGATTCGTAGCTGGA	20
TLR4	Sense	AGTTGATCTACCAAGCCTTGAGT	23
	Antisense	GCTGGTTGTCCCAAATCACTTT	23
β -actin	Sense	AGCGAGCATCCCCAAAGTT	20
	Antisense	GGGCACGAAGGCTCATCATT	20