

Supplementary file 1 : P2X7R siRNA oligo sequences

Gene	Sense (5'-3')	Antisense (5'-3')
P2X7R-mus-196	GCAGUAUGAGACAAACAAATT	UUUGUUUGUCUCAUACUGCTT
P2X7R-mus-1083	GGACGUUGAUCAAAGCCUUTT	AAGGCUUUGAUCAACGUCCTT
P2X7R-mus-1426	GCAAGUUGUCAAAAGGCCAATT	UUGGCCUUUGACAACUUGCTT

Supplementary Table 1 Primary Antibody Lists

Antibody	Company	Catalogue Number	Application	Dilution
anti-P2X7R	Invitrogen	PA5-77665	IF	1:200
anti-Iba1	Servicebio	GB12105	IF	1:200
anti-GFAP	Servicebio	GB12096	IF	1:200
anti-NeuN	Proteintech	66836-1-Ig	IF	1:200
Cy3 conjugated				
Goat	Servicebio	GB21301	IF	1:300
Anti-mouse IgG				
Alexa Fluor®				
488-conjugated				
Goat	Servicebio	GB25303	IF	1:400
Anti-Rabbit				
IgG				
anti-P2X7R	Abcam	ab109054	WB	1:1000
anti-CD86	ABclonal Technology	A1199	WB	1:1000
anti-iNOS	ABclonal Technology	A0312	WB	1:1000
anti-CD163	Abcam	ab182422	WB	1:1000
anti-Arg-1	Abcam	ab205587	WB	1:1000
anti-TNF-α	Abcam	ab205587	WB	1:1000
anti-IL-18	ABclonal Technology	A16737	WB	1:1000
anti-IL-4	Proteintech	66142-1-Ig	WB	1:1000
anti-IL-10	ABclonal Technology	A2171	WB	1:1000
anti-β-actin	Abcam	ab115777	WB	1:1000
HRP goat				
anti-Rabbit IgG	ABclonal	AS014	WB	1:5000
HRP goat				
anti-Mouse IgG	ABclonal	AS003	WB	1:5000

Supplementary Table 2 Primer sequences used for real-time polymerase chain reaction analysis

Gene	Forward 5'-3'	Reverse 5'-3'
<i>IL-18</i>	GACCAAGTTCTCTTCGTTGACAAAA	CTATCCTTCACAGAGAGGGTCACA
<i>TNF-α</i>	ACAAGGCTGCCCCGACTAC	TGGGCTCATACCAGGGTTTG
<i>IL-4</i>	TATCCACGGATGCGACAAAA	GCCCTACAGACGAGCTCACTCT
<i>IL-10</i>	CAGAGAAGCATGGCCAGAA	CACCTTGGTCTTGGAGCTTATAAA
<i>GAPDH</i>	CCAAGGTCATCCATGACAAC	TCCACAGTCTTCTGAGTGGC