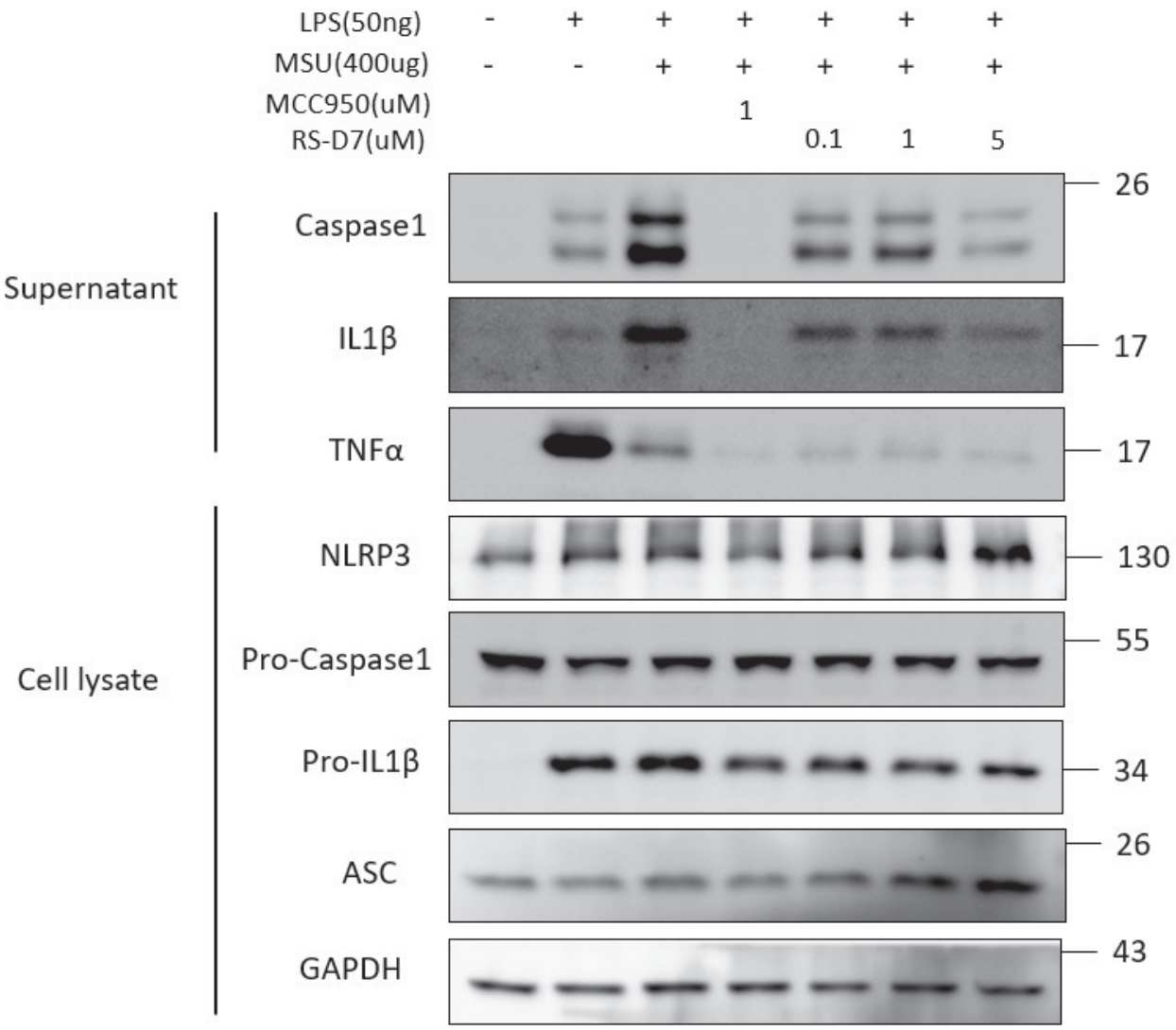

LPS(50ng) - + + + + + +
MSU(400ug) - - + + + + +
MCC950(uM) 1
RS-D7(uM) 0.1 1 5
Supernatant
Caspase1
IL1β
TNFα
Cell lysate
NLRP3
Pro-Caspase1
Pro-IL1β
ASC
GAPDH
26
17
17
130
55
34
26
43

Figure 1

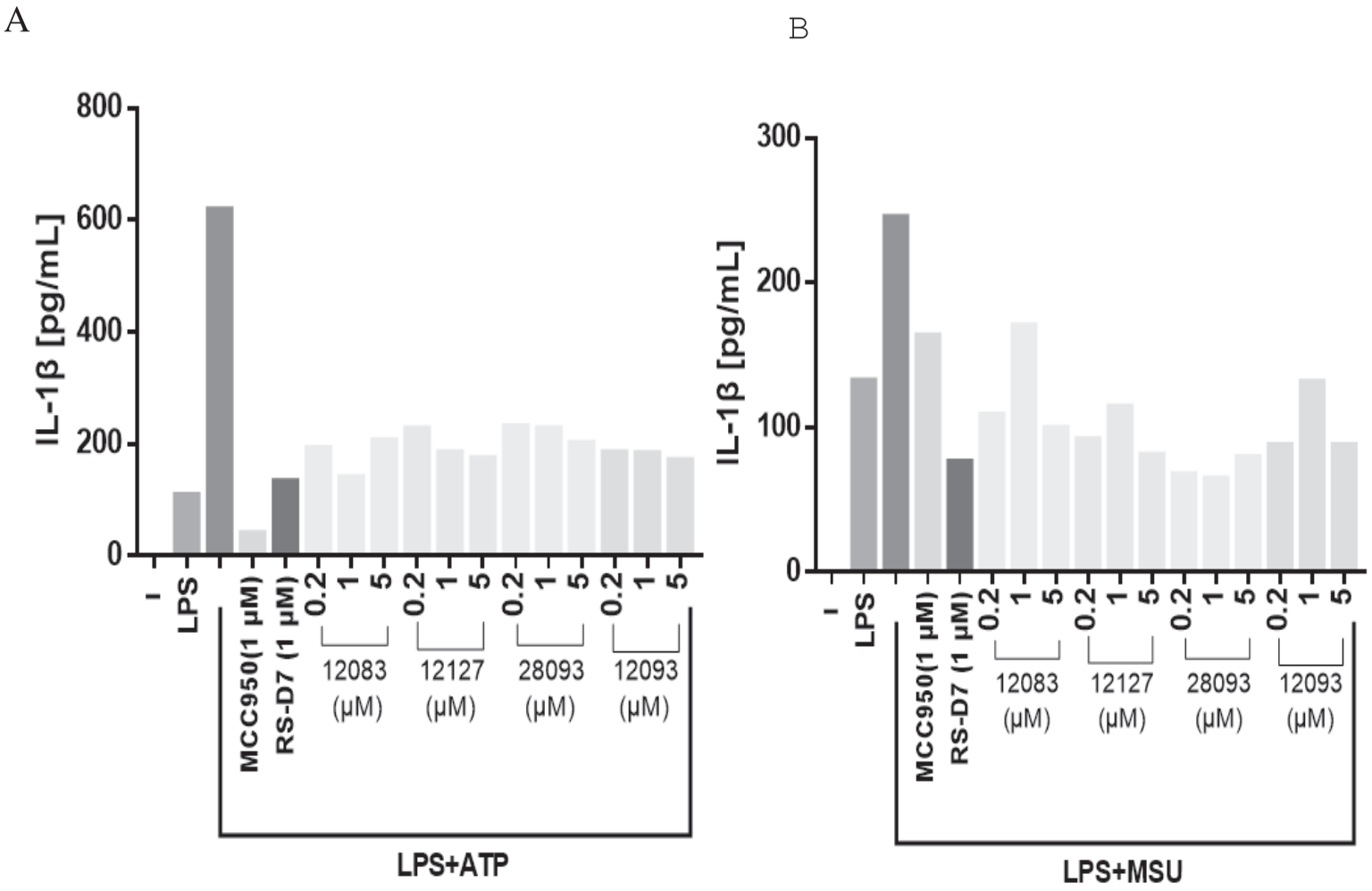

A
800
600
400
200
0
IL-1β [pg/mL]
-
LPS
MCC950(1 μM)
RS-D7 (1 μM)
0.2
1
5
12083 (μM)
12127 (μM)
28093 (μM)
12093 (μM)
LPS+ATP
B
300
200
100
0
IL-1β [pg/mL]
LPS+MSU

Figure 2

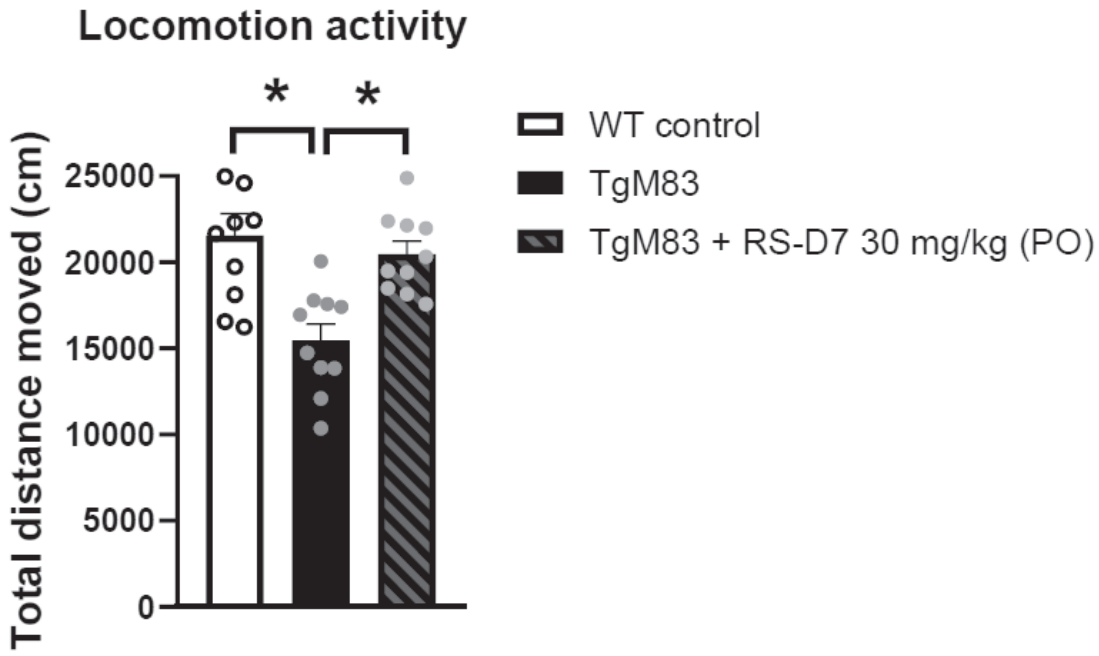


Figure 3

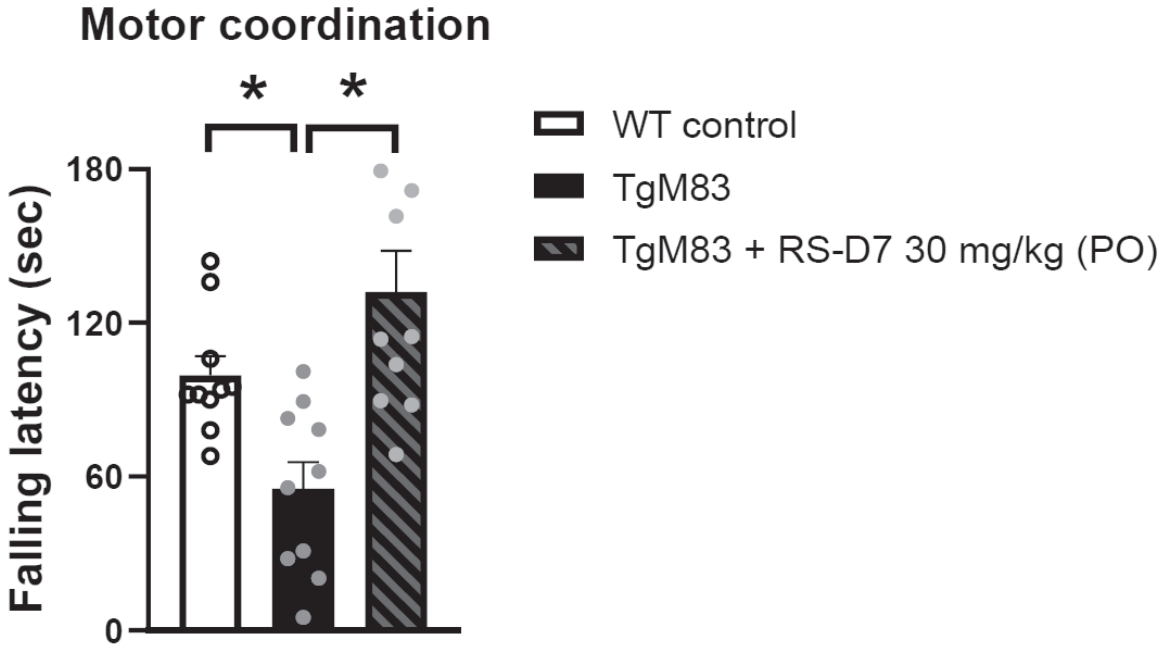
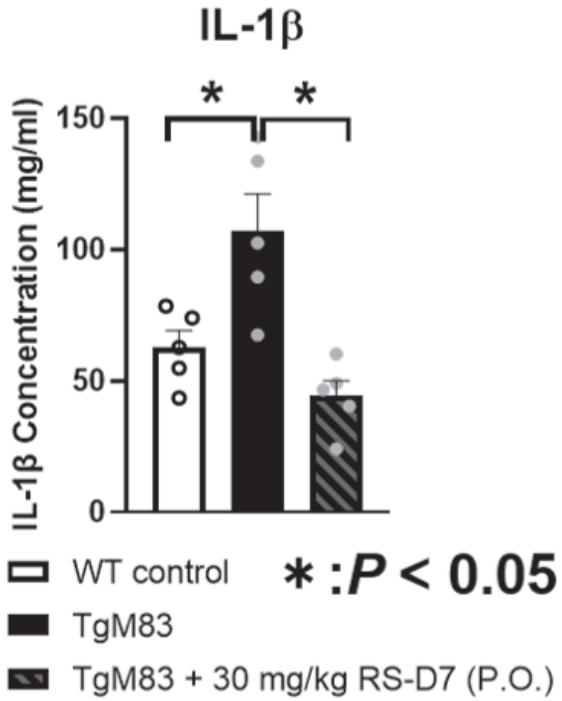
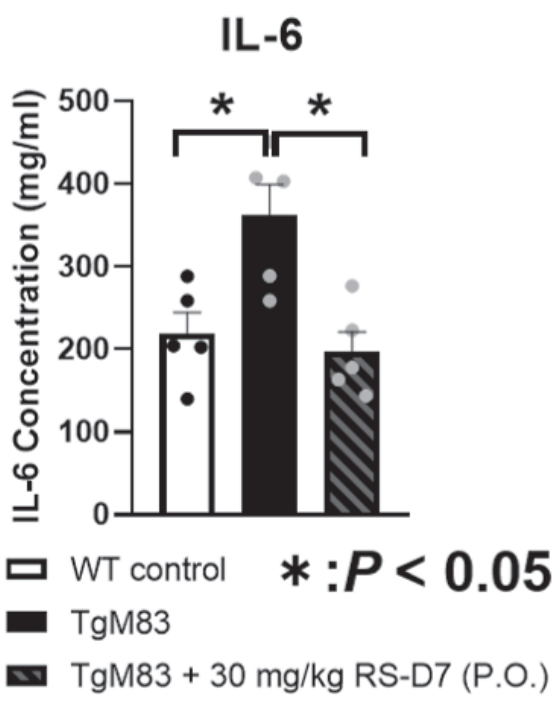


Figure 4

A


IL-1β
IL-1β Concentration (mg/ml)
150
100
50
0
*
*
WT control
TgM83
TgM83 + 30 mg/kg RS-D7 (P.O.)
*:P < 0.05

B


IL-6
IL-6 Concentration (mg/ml)
500
400
300
200
100
0
*
*
WT control
TgM83
TgM83 + 30 mg/kg RS-D7 (P.O.)
*:P < 0.05

C

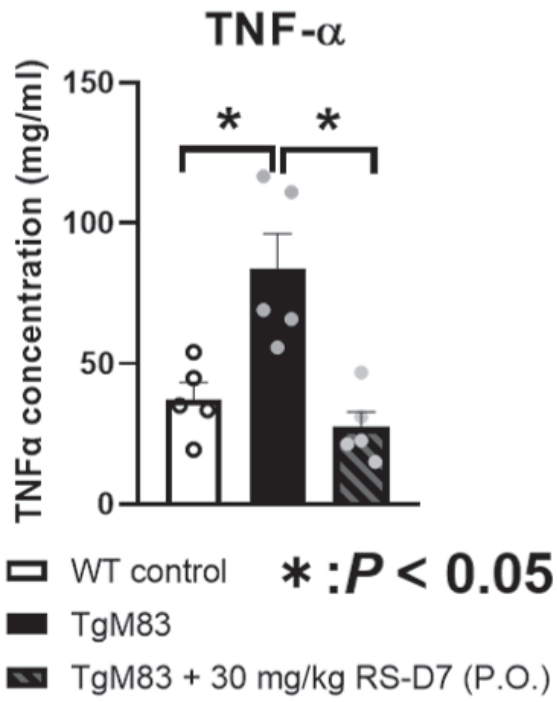

TNF-α
TNFα concentration (mg/ml)
150
100
50
0
*
*
WT control
TgM83
TgM83 + 30 mg/kg RS-D7 (P.O.)
*:P < 0.05

Figure 5