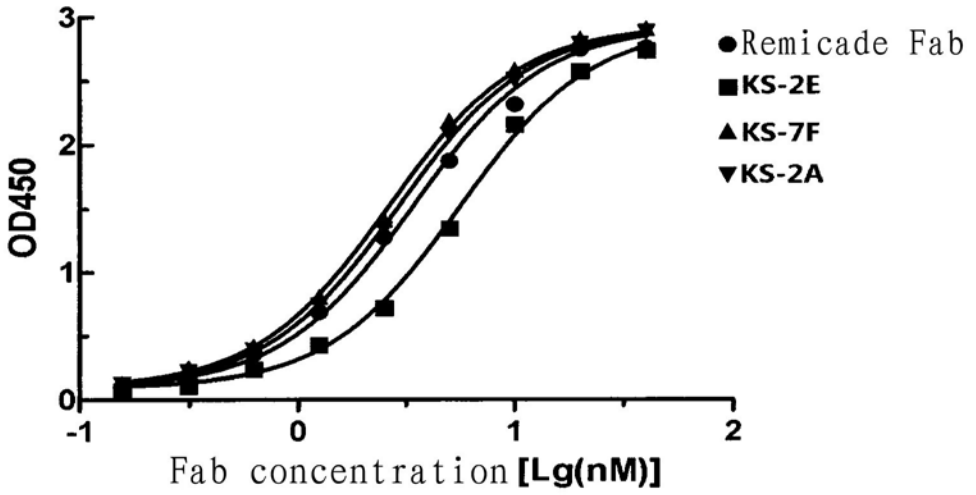

OD450
3
2
1
0
-1
0
1
2
Fab concentration [Lg(nM)]
●Remicade Fab
■KS-2E
▲KS-7F
▼KS-2A

Fig 1

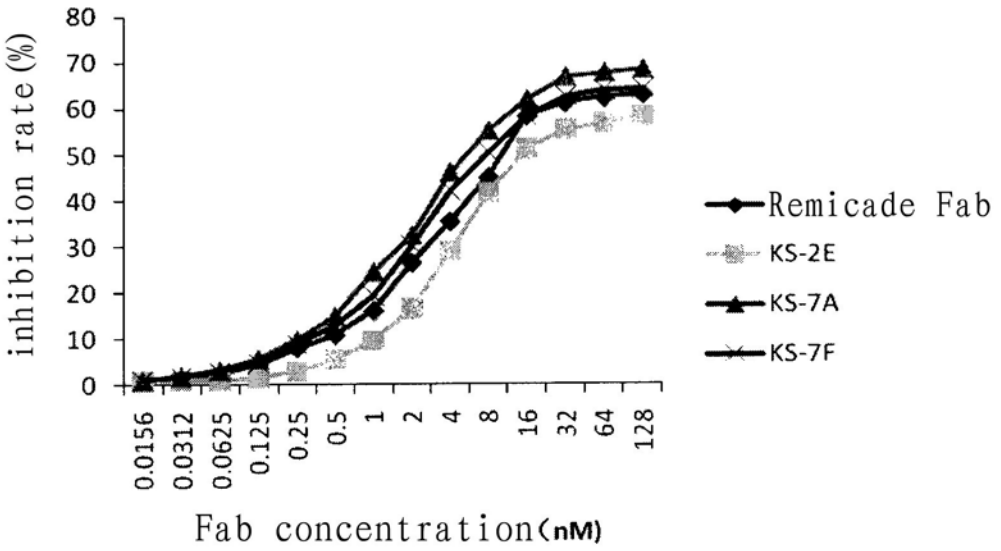

inhibition rate(%)
80
70
60
50
40
30
20
10
0
0.0156
0.0312
0.0625
0.125
0.25
0.5
1
2
4
8
16
32
64
128
Fab concentration(nM)
Remicade Fab
KS-2E
KS-7A
KS-7F

Fig 2

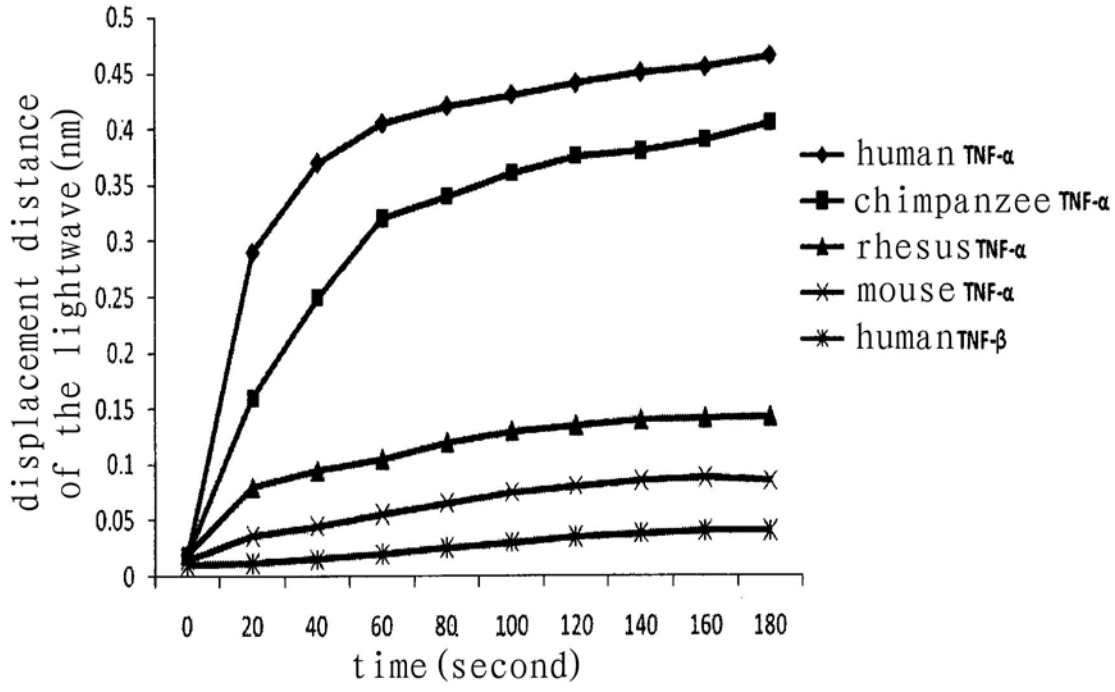

displacement distance of the lightwave (nm)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0 20 40 60 80 100 120 140 160 180
time (second)
human TNF-α
chimpanzee TNF-α
rhesus TNF-α
mouse TNF-α
human TNF-β

Fig 3

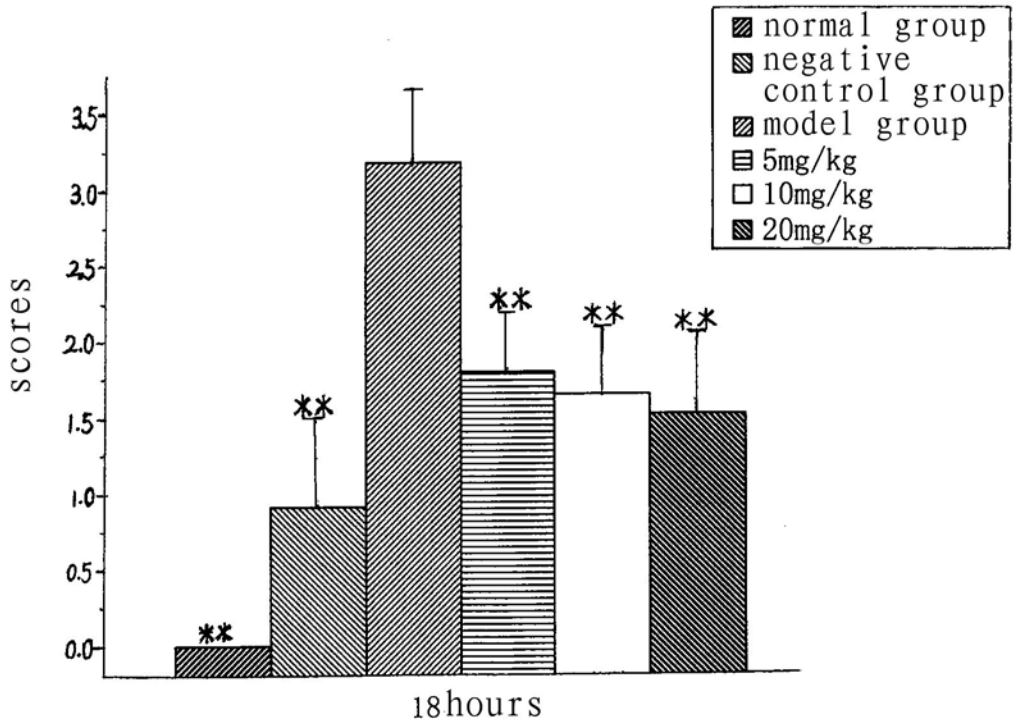

normal group
negative control group
model group
5mg/kg
10mg/kg
20mg/kg
scores
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
**
18hours

Fig 4

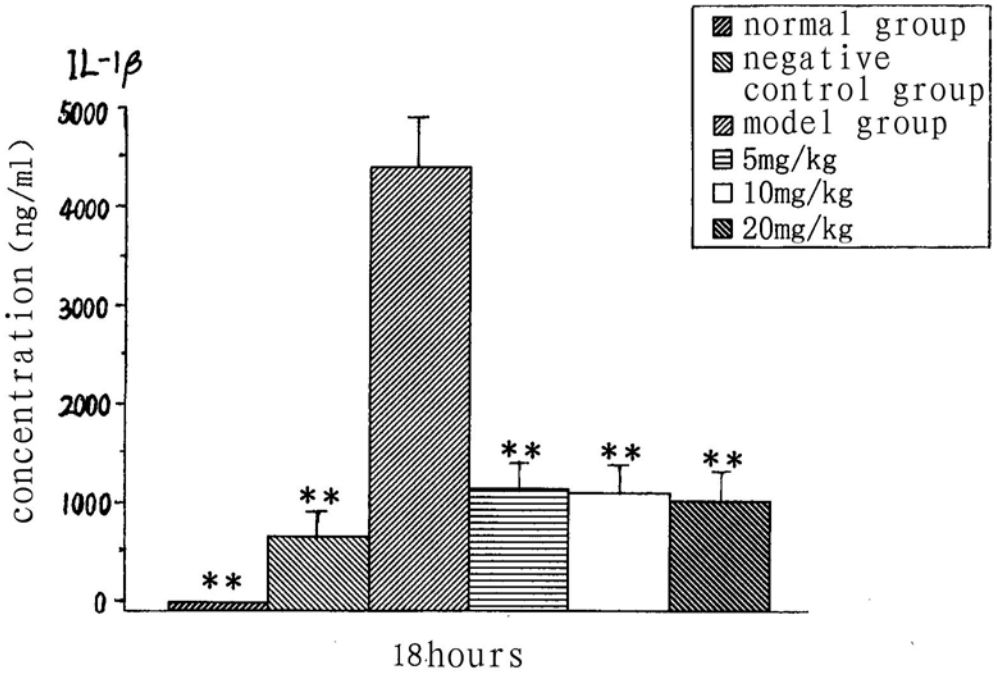

IL-1β
concentration (ng/ml)
5000
4000
3000
2000
1000
0
**
normal group
negative control group
model group
5mg/kg
10mg/kg
20mg/kg
18hours

Fig 5

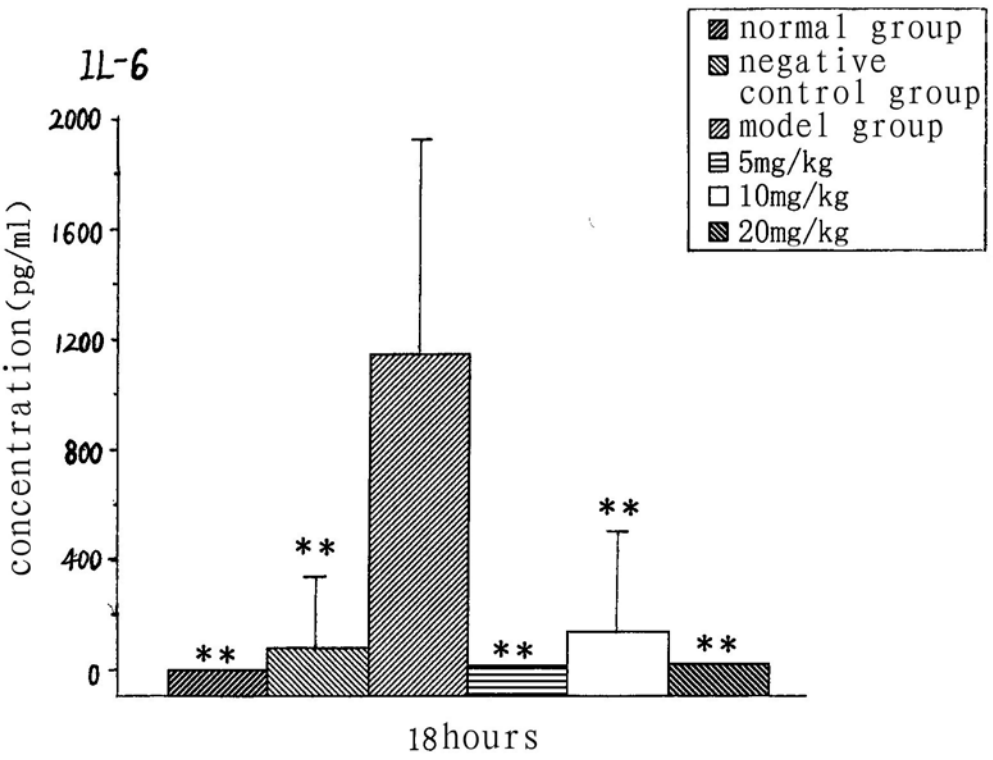

IL-6
concentration(pg/ml)
2000
1600
1200
800
400
0
**
normal group
negative control group
model group
5mg/kg
10mg/kg
20mg/kg
18hours

Fig 6