Fig.1

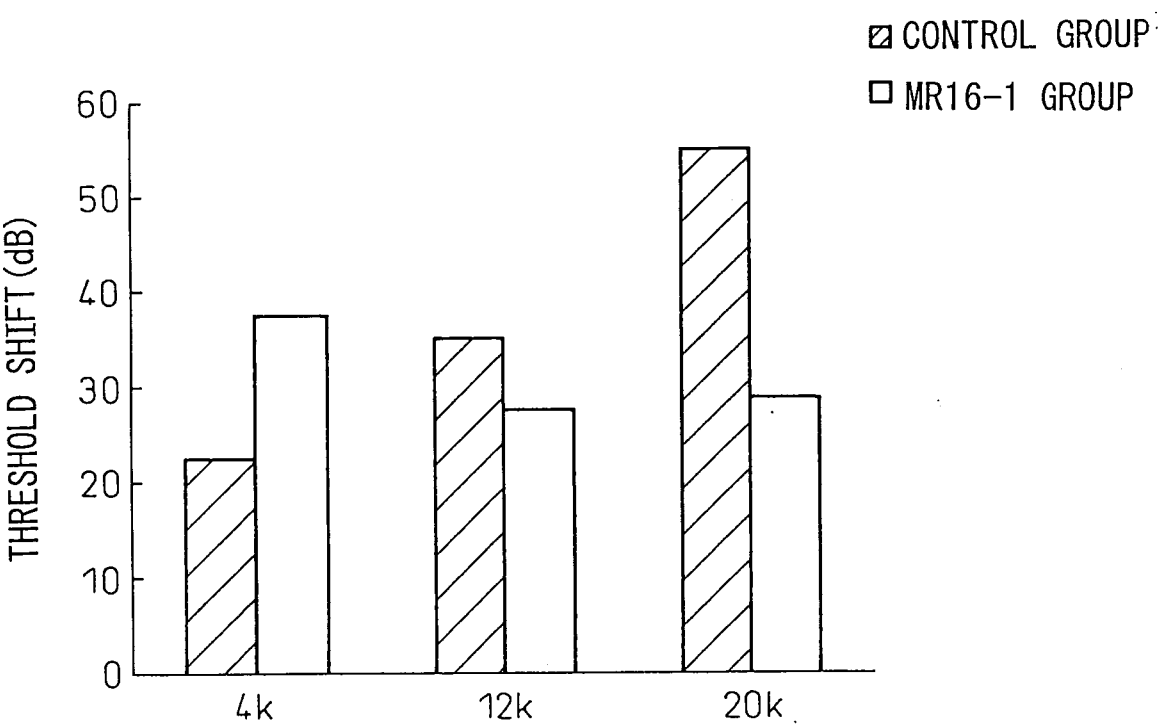

CONTROL GROUP
MR16-1 GROUP
THRESHOLD SHIFT (dB)
60
50
40
30
20
10
0
4k
12k
20k

Fig.2

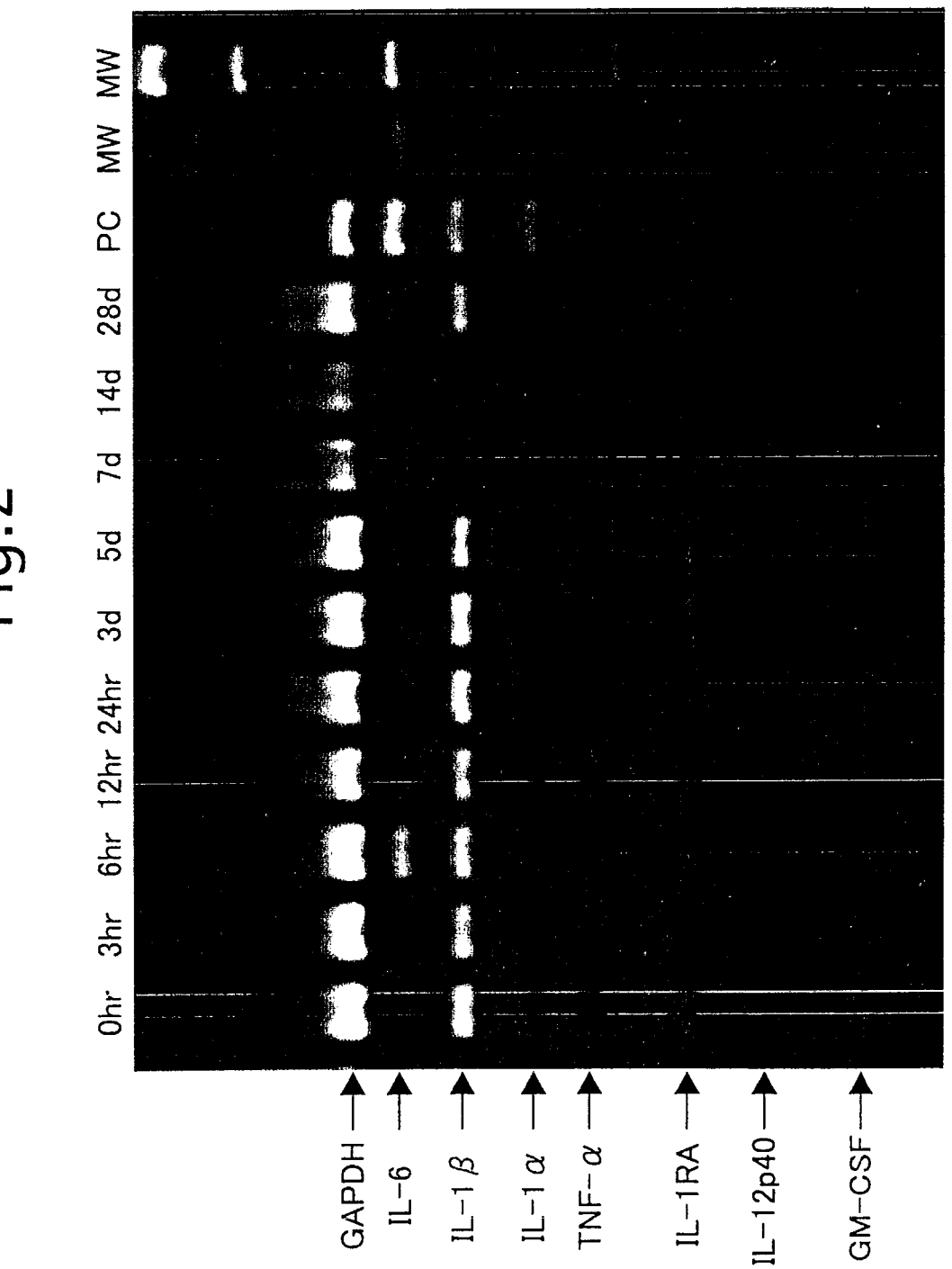

0hr
3hr
6hr
12hr
24hr
3d
5d
7d
14d
28d
PC
MW
MW
GAPDH
IL-6
IL-1β
IL-1α
TNF-α
IL-1RA
IL-12p40
GM-CSF

Fig. 3

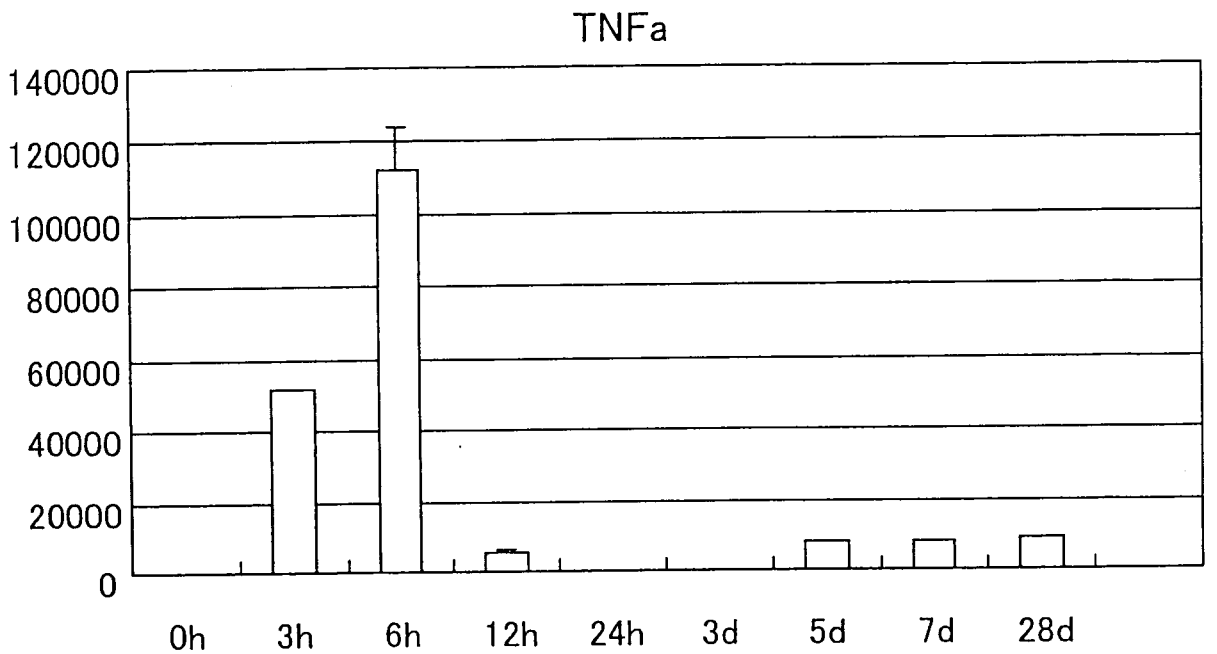

TNFa
140000
120000
100000
80000
60000
40000
20000
0
0h
3h
6h
12h
24h
3d
5d
7d
28d

Fig. 4

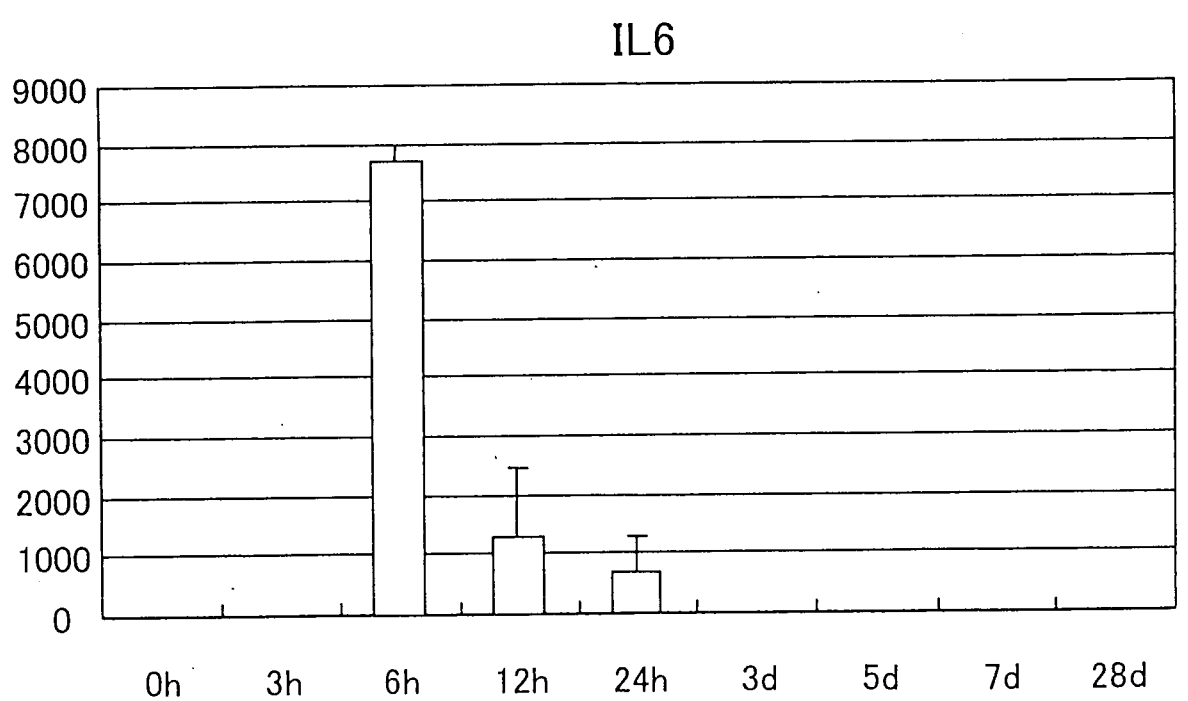

IL6
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0h
3h
6h
12h
24h
3d
5d
7d
28d

Fig. 5

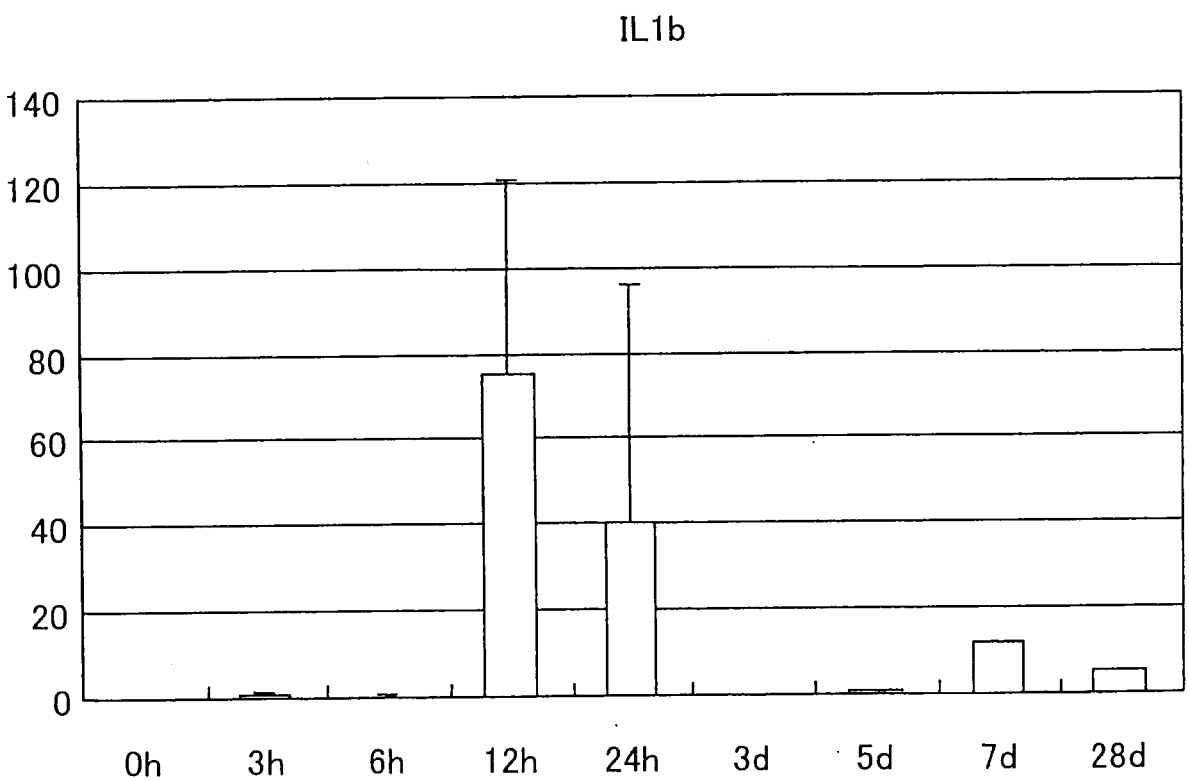
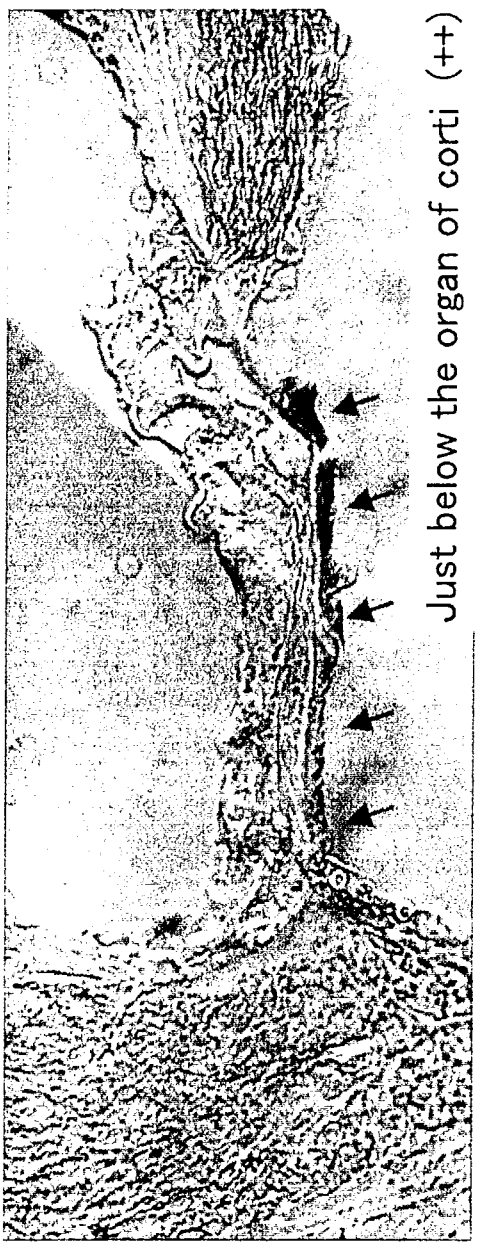


Fig.6



Just below the organ of corti (++)



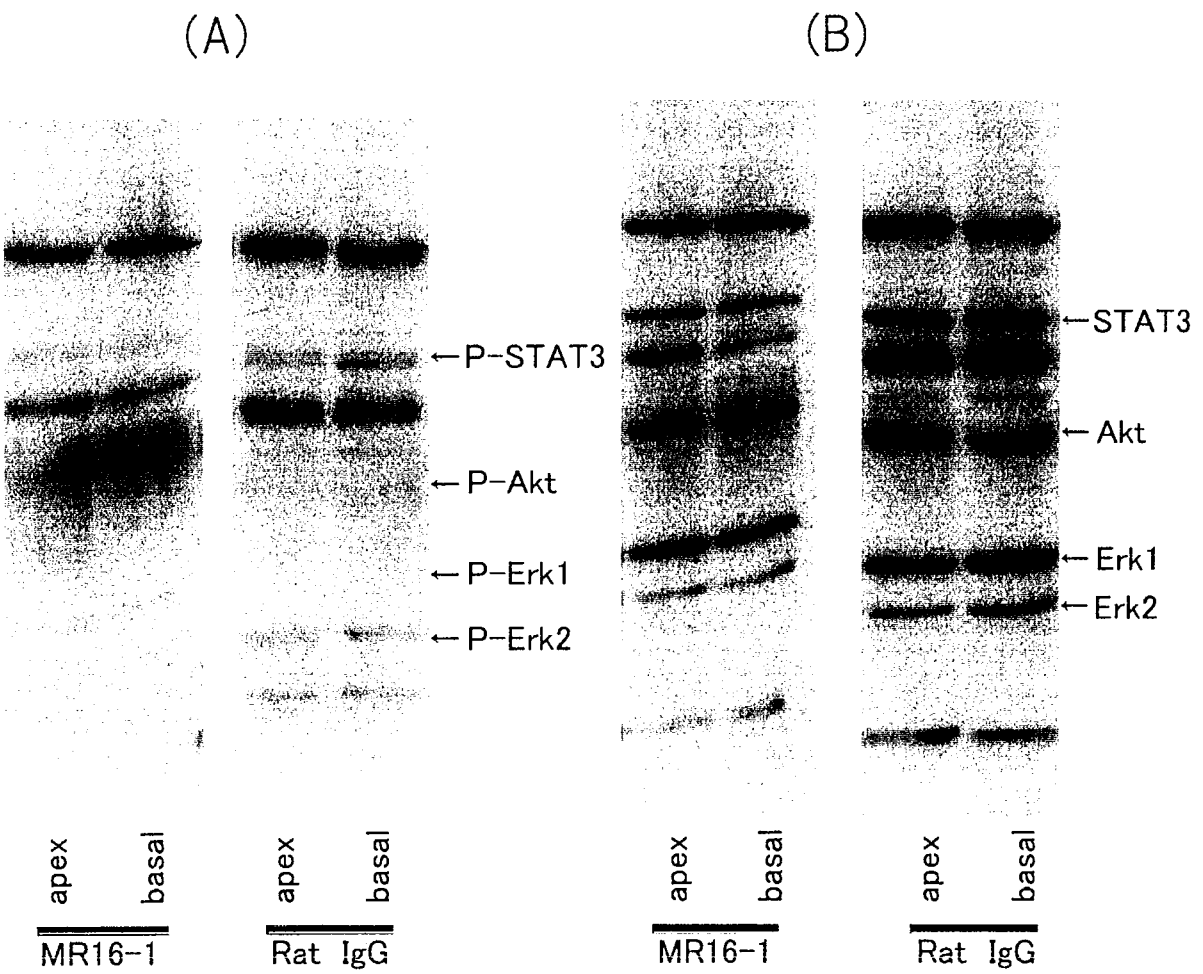
Negative control

Fig.7



Spiral ligament (+),
Stria vascularis (−)

Fig.8


(A)
(B)
←P-STAT3
←P-Akt
←P-Erk1
←P-Erk2
←STAT3
←Akt
←Erk1
←Erk2
apex
basal
MR16-1
Rat IgG