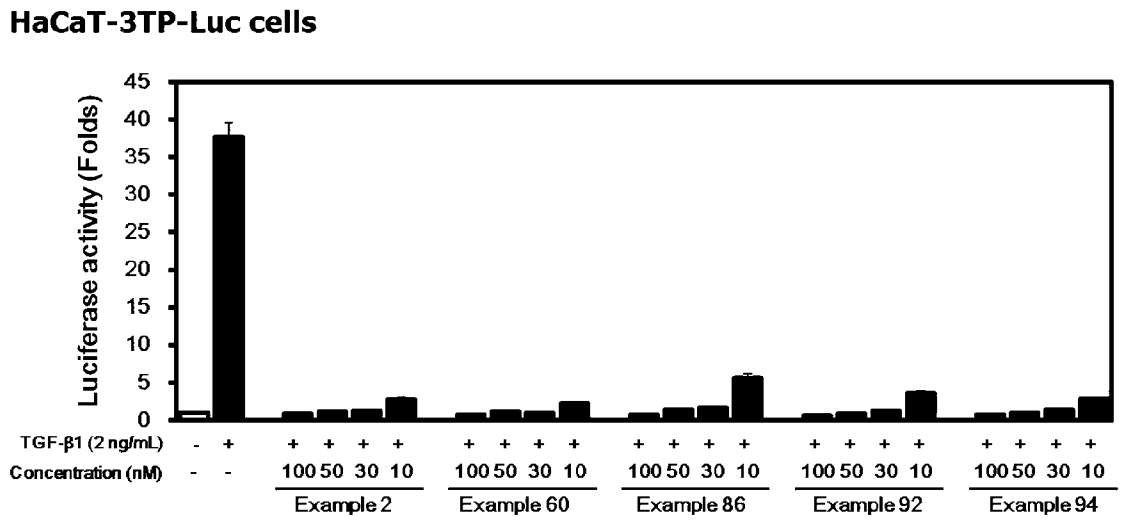
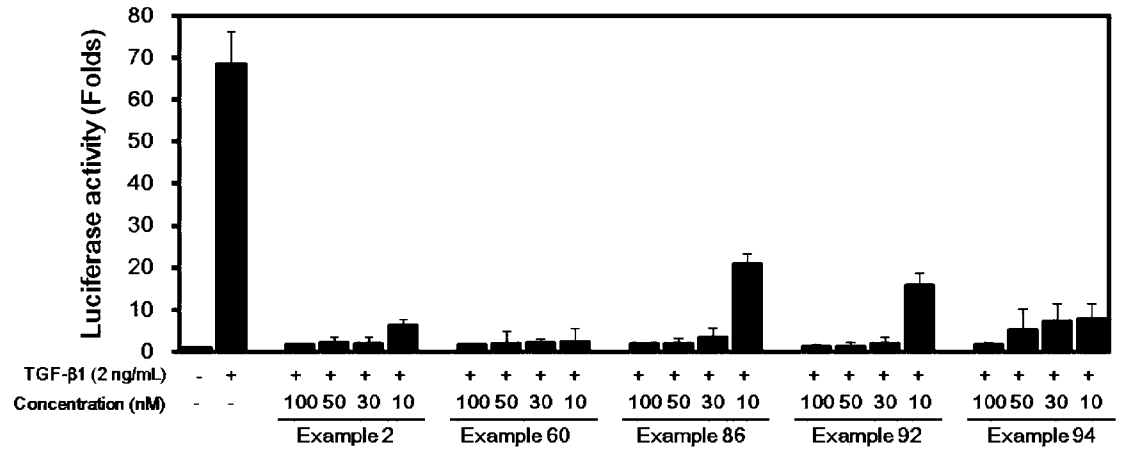
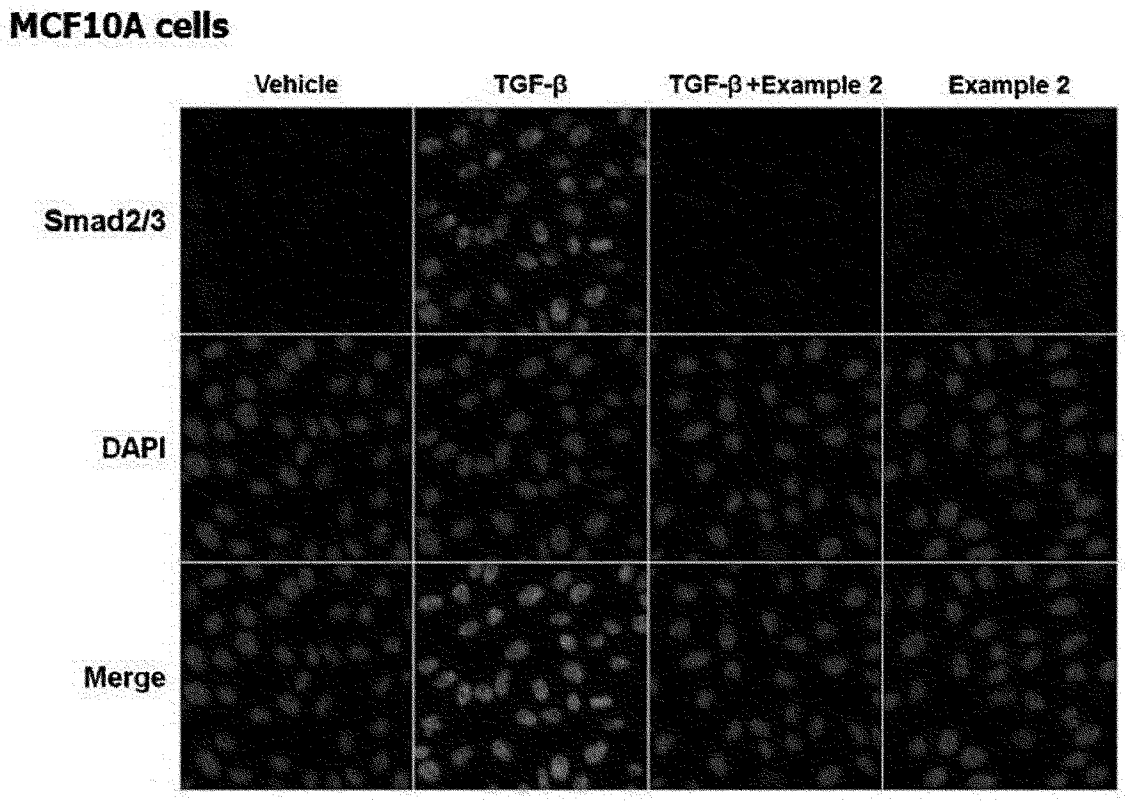
[Fig. 1]


HaCaT-3TP-Luc cells
Luciferase activity (Folds)
45
40
35
30
25
20
15
10
5
0
TGF-β1 (2 ng/mL) - + + + + + + + + + + + + + + +
Concentration (nM) - - 100 50 30 10 100 50 30 10 100 50 30 10 100 50 30 10 100 50 30 10
Example 2
Example 60
Example 86
Example 92
Example 94

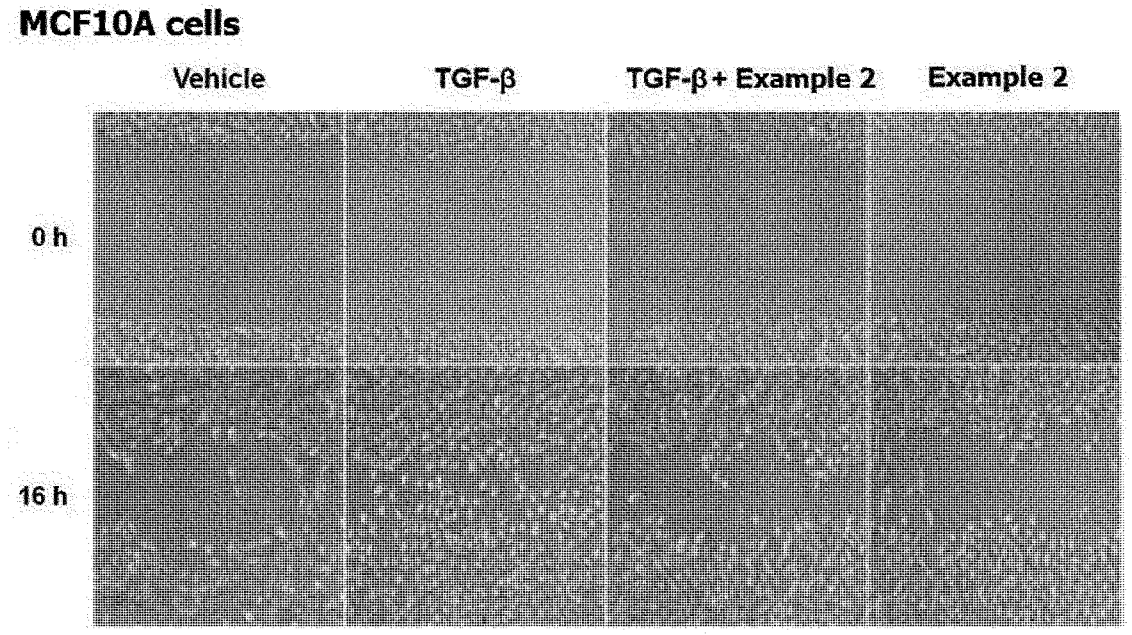
[Fig. 2]


4T1-3PT-Luc cells
Luciferase activity (Folds)
80
70
60
50
40
30
20
10
0
TGF-β1 (2 ng/mL) - + + + + + + + + + + + + + + +
Concentration (nM) - - 100 50 30 10 100 50 30 10 100 50 30 10 100 50 30 10 100 50 30 10
Example 2
Example 60
Example 86
Example 92
Example 94

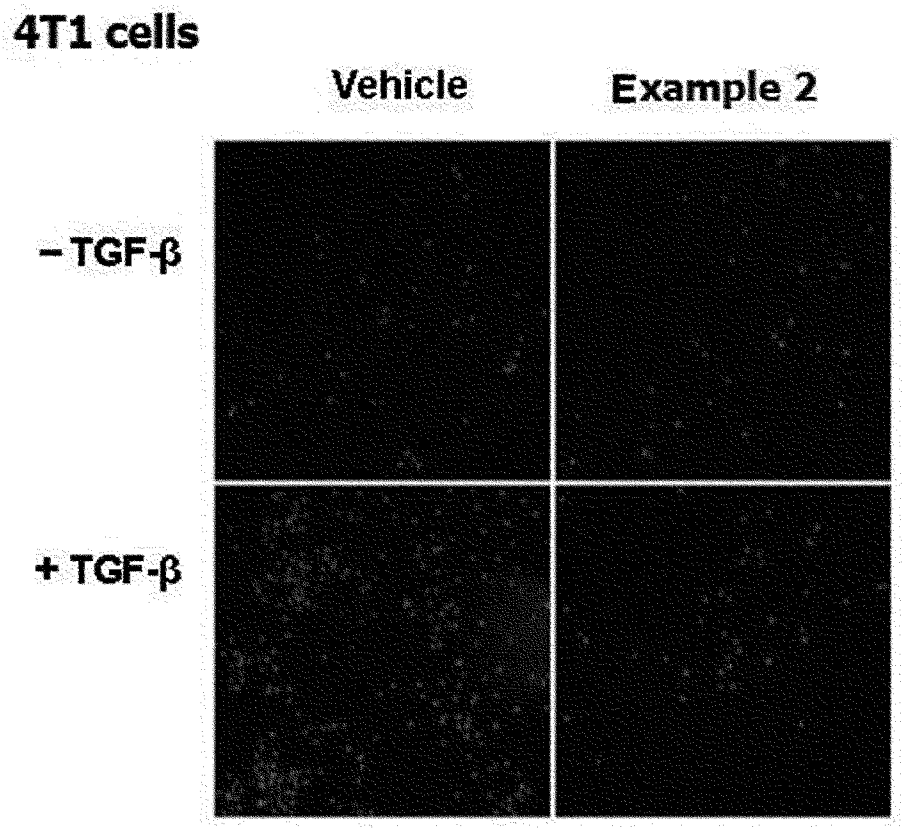
[Fig. 3]


MCF10A cells
Vehicle
TGF-β
TGF-β +Example 2
Example 2
Smad2/3
DAPI
Merge

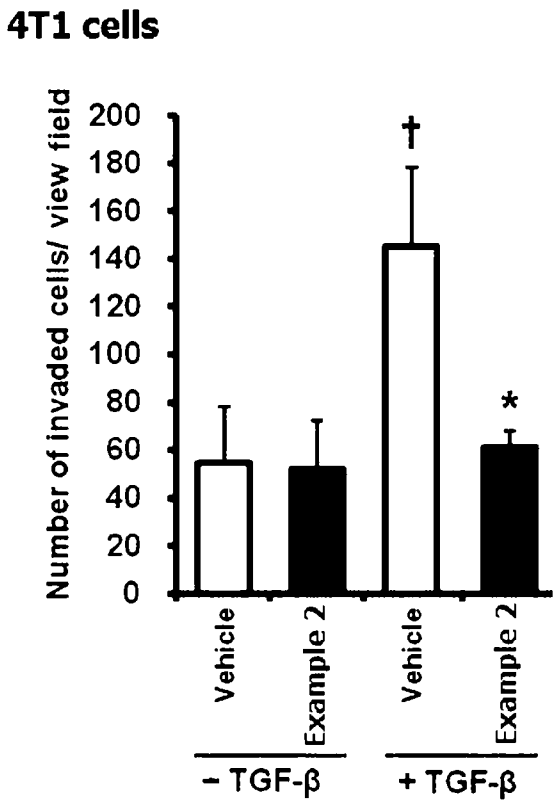
[Fig. 4]


MCF10A cells
Vehicle
TGF-β
TGF-β + Example 2
Example 2
0 h
16 h

[Fig. 5a]

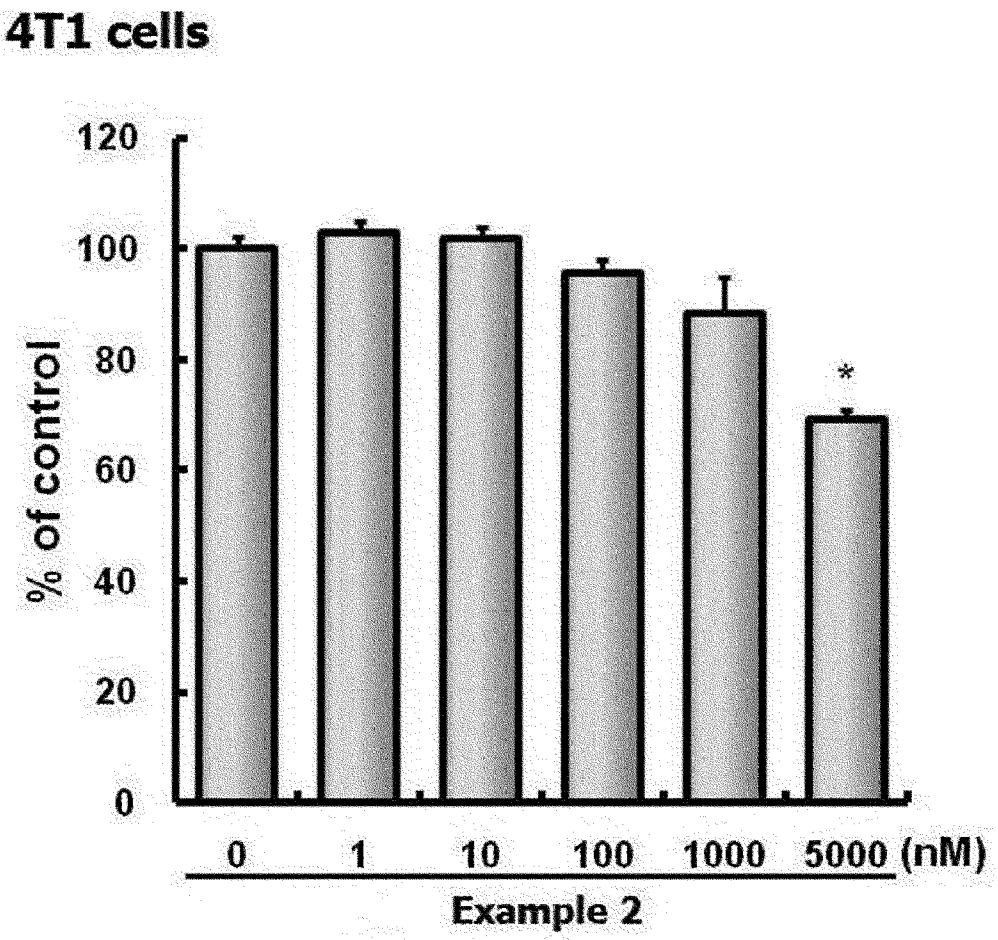


[Fig. 5b]



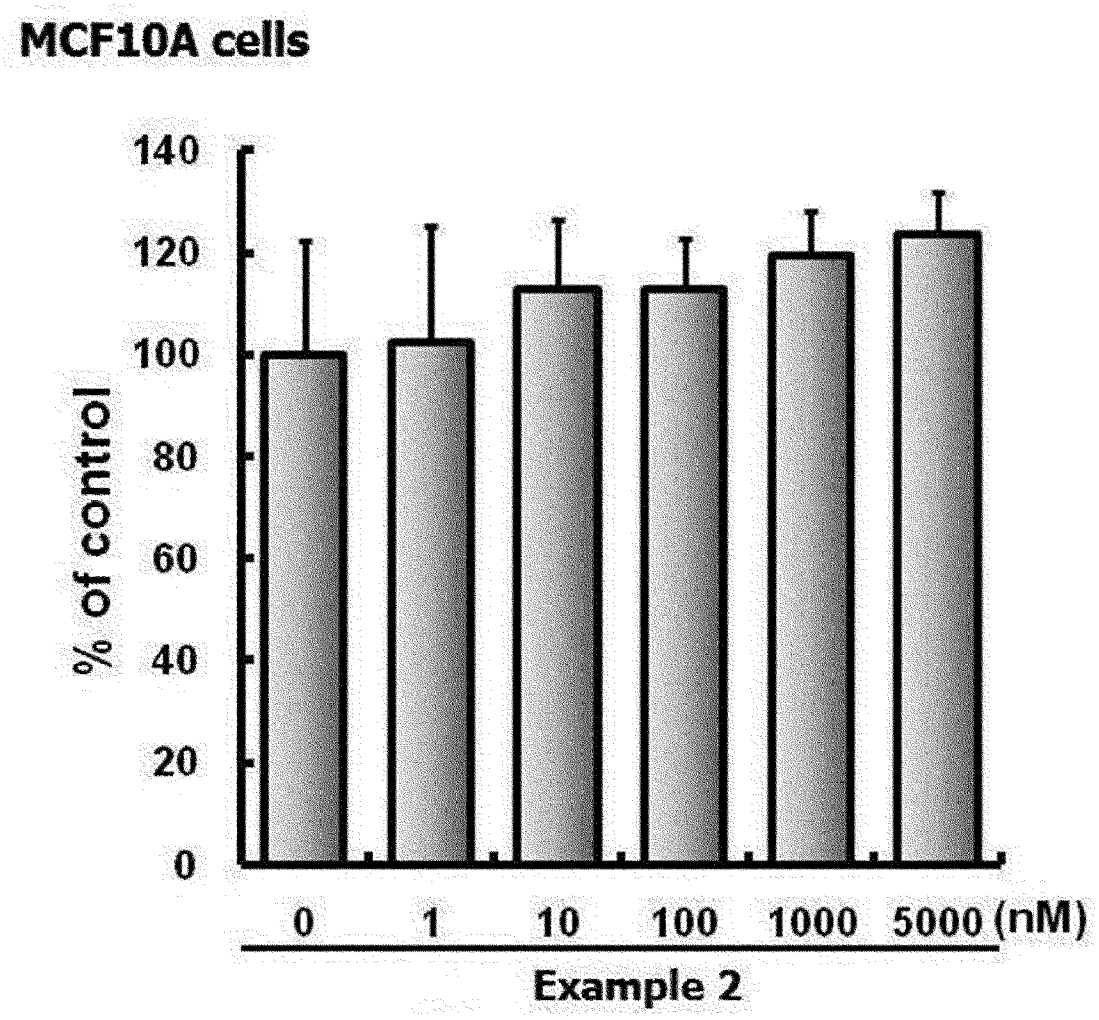
Data represents the mean number of invaded cells per view field ± S.D. (n = 3).
†: significantly different from vehicle group ($P < 0.05$).
*: significantly different from TGF-β- treated group ($P < 0.05$).

[Fig. 6]



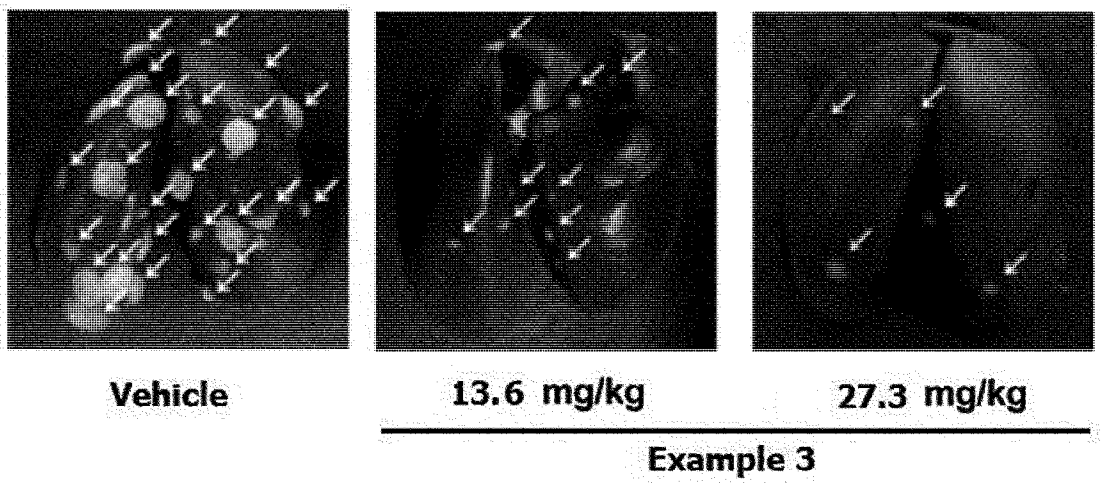
Data represents the mean ± S.D. (n = 4).
*: significantly different from control group ($p < 0.05$).

[Fig. 7]

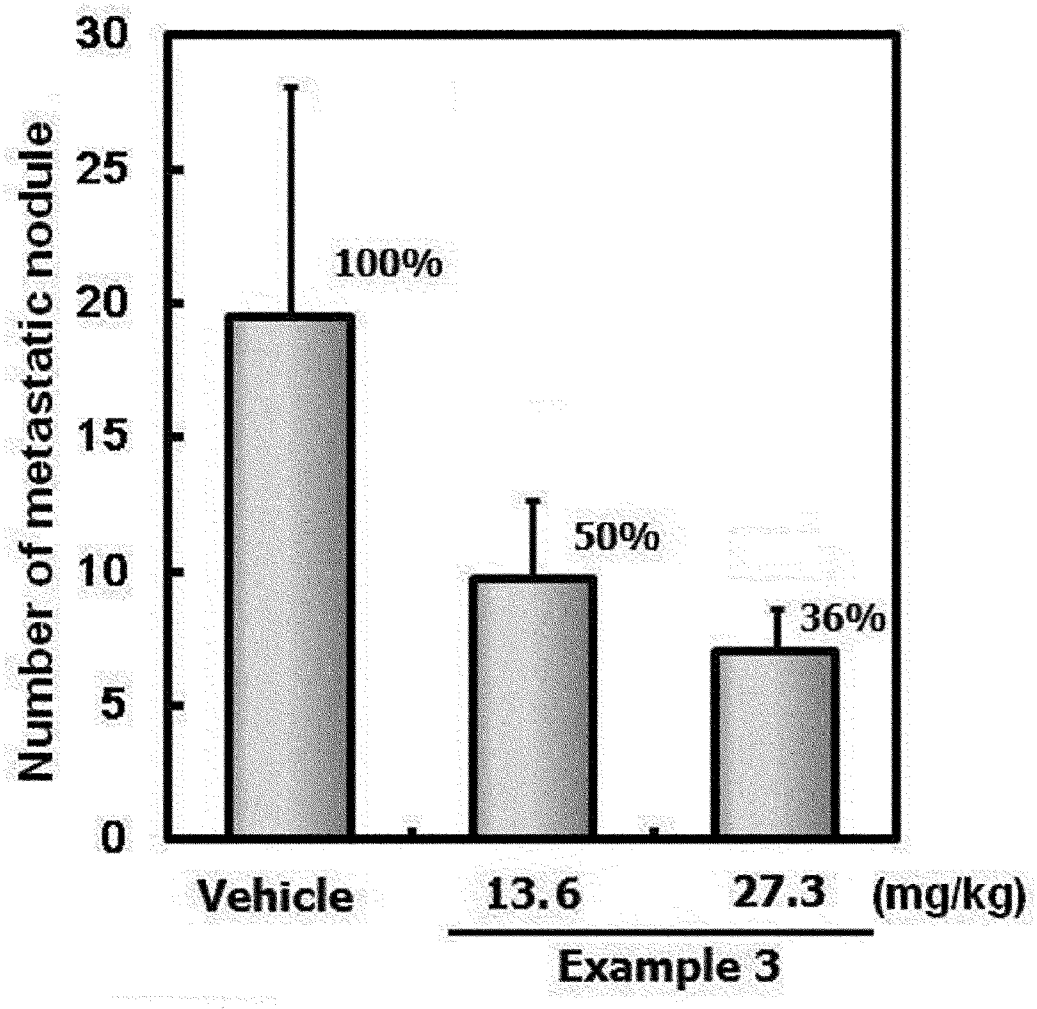


Data represents the mean ± S.D. (n = 4).

[Fig. 8a]

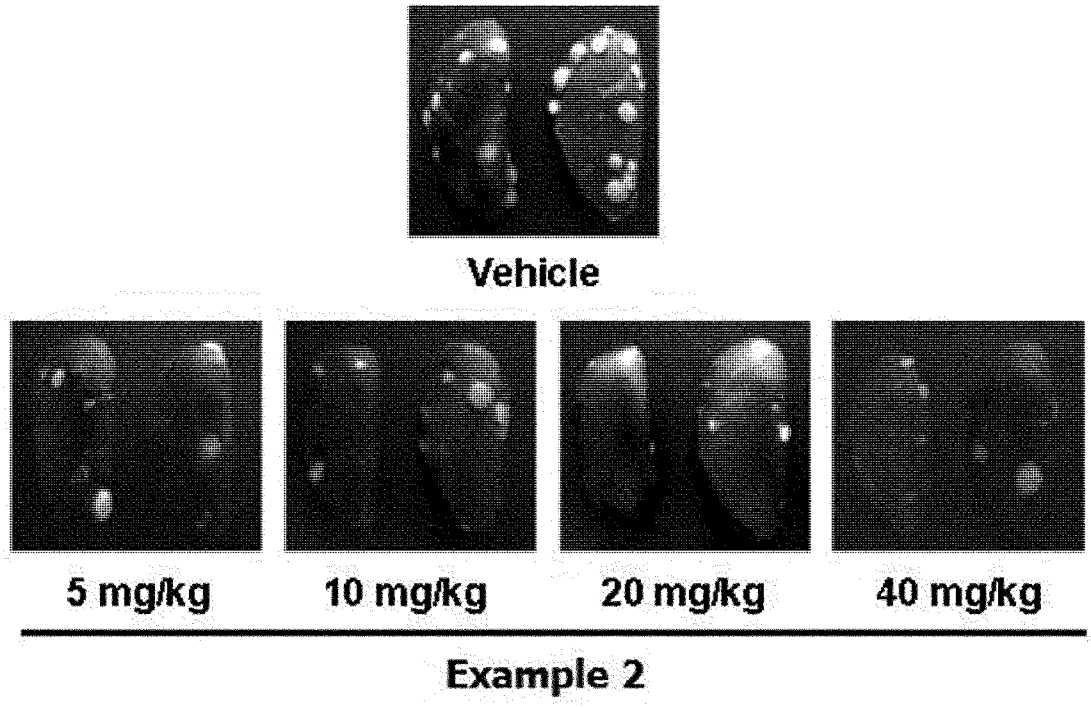


[Fig. 8b]

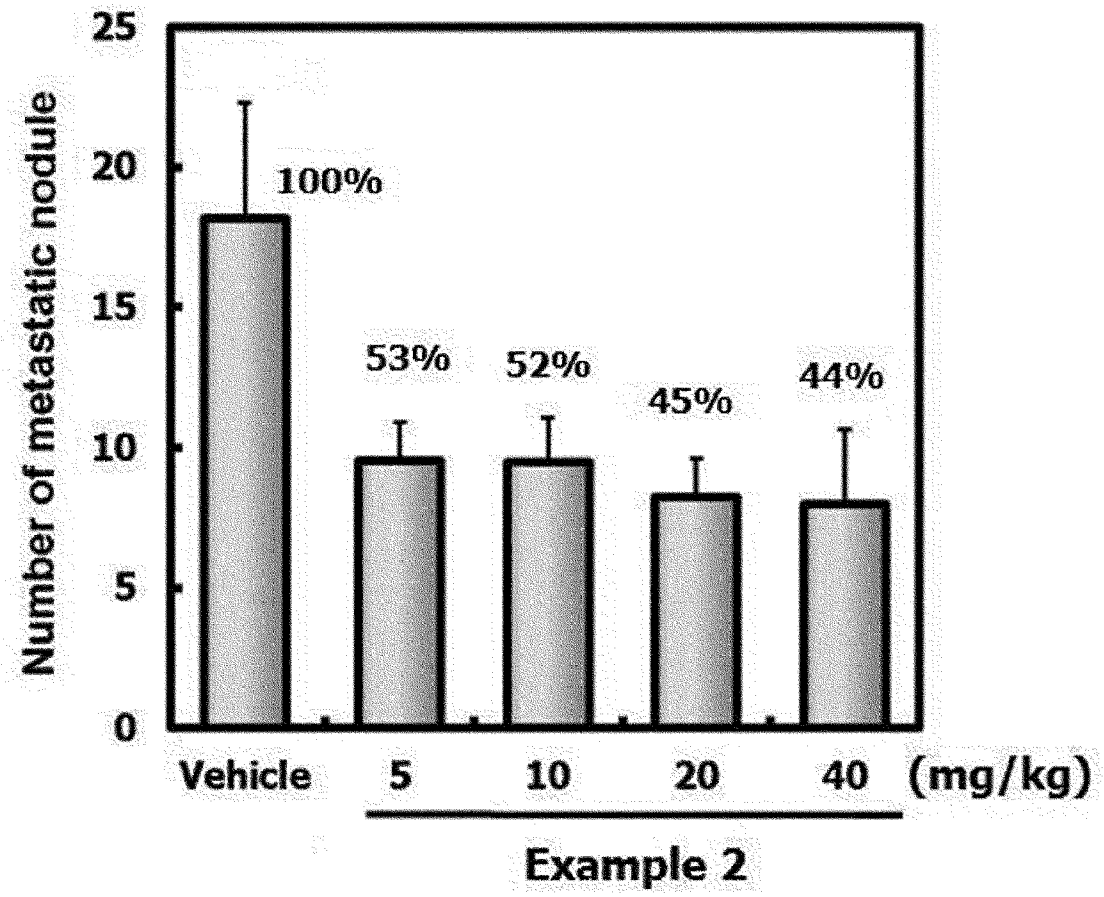


Data represents the mean ± S.E. (n = 8).

[Fig. 9a]

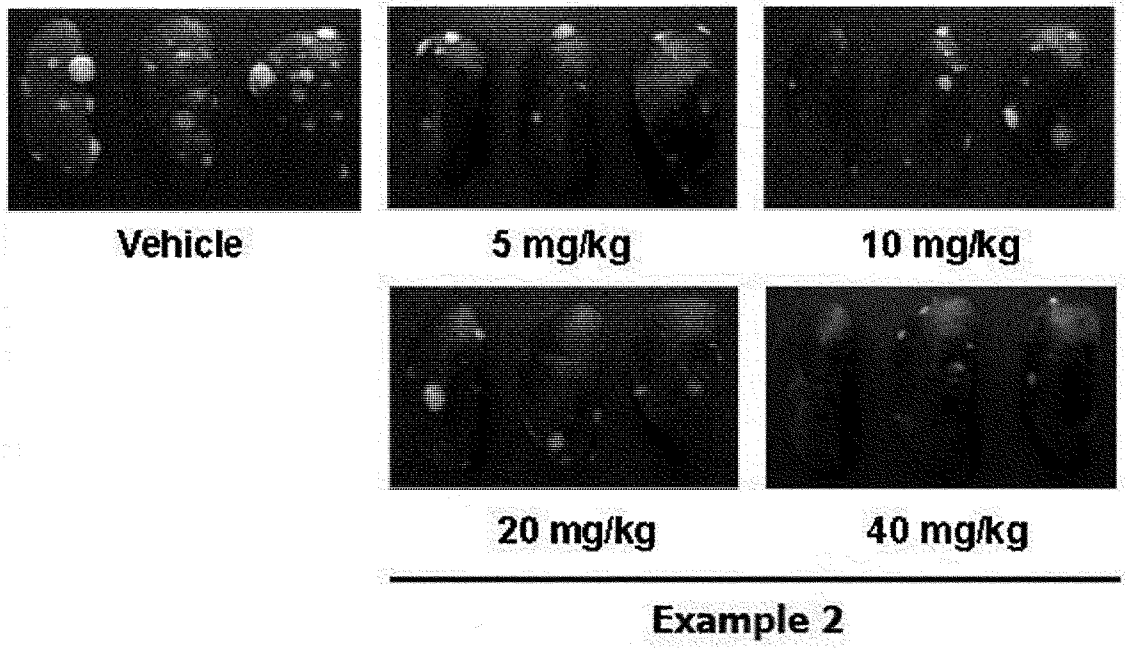


[Fig. 9b]

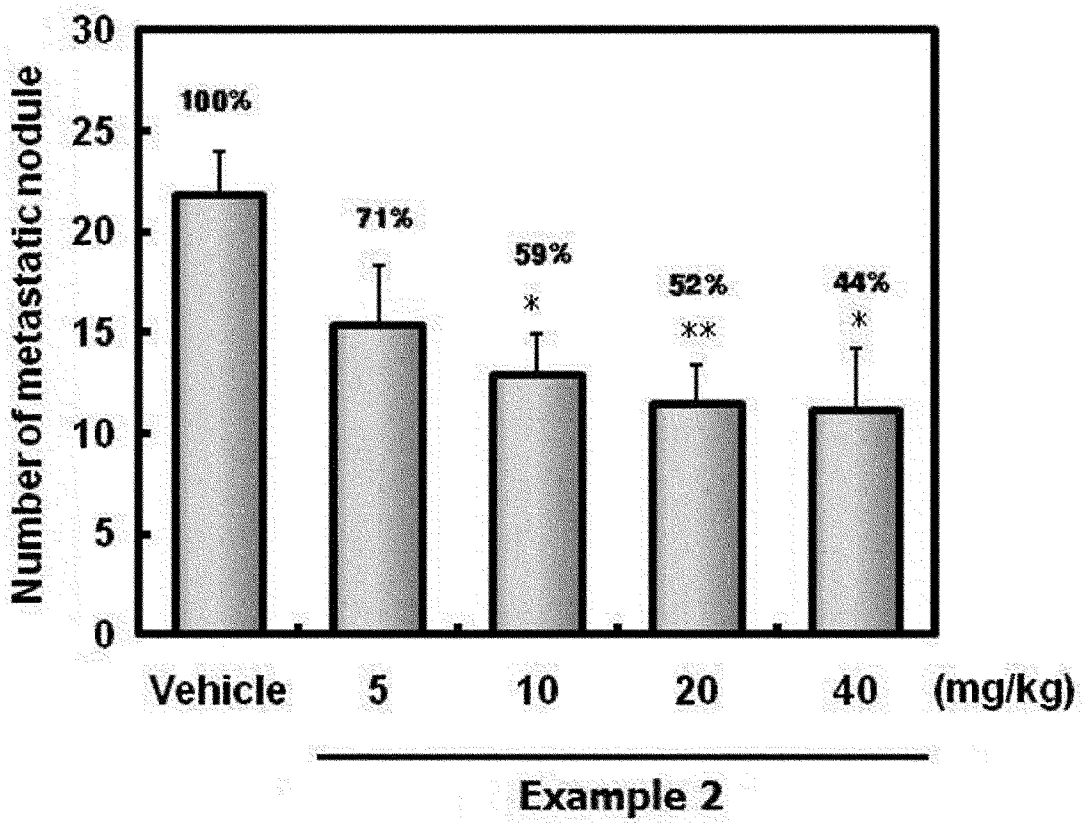


Data represents the mean ± S.E. (n = 7–10).

[Fig. 10a]

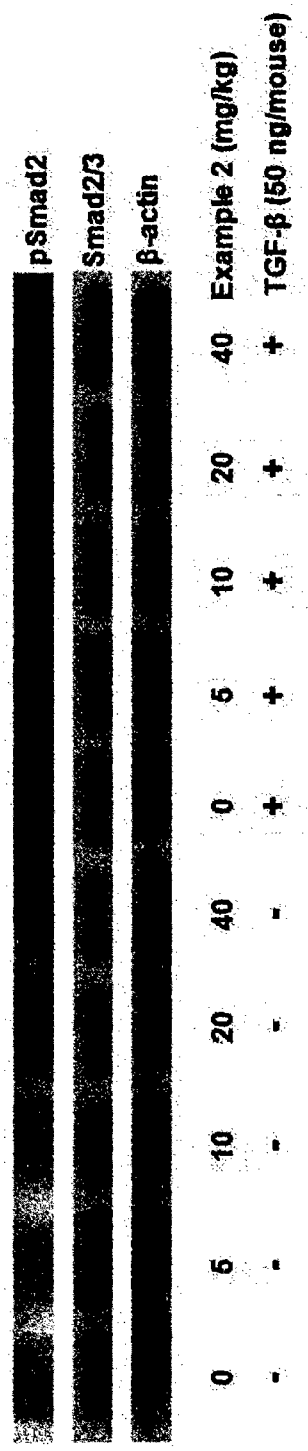


[Fig. 10b]

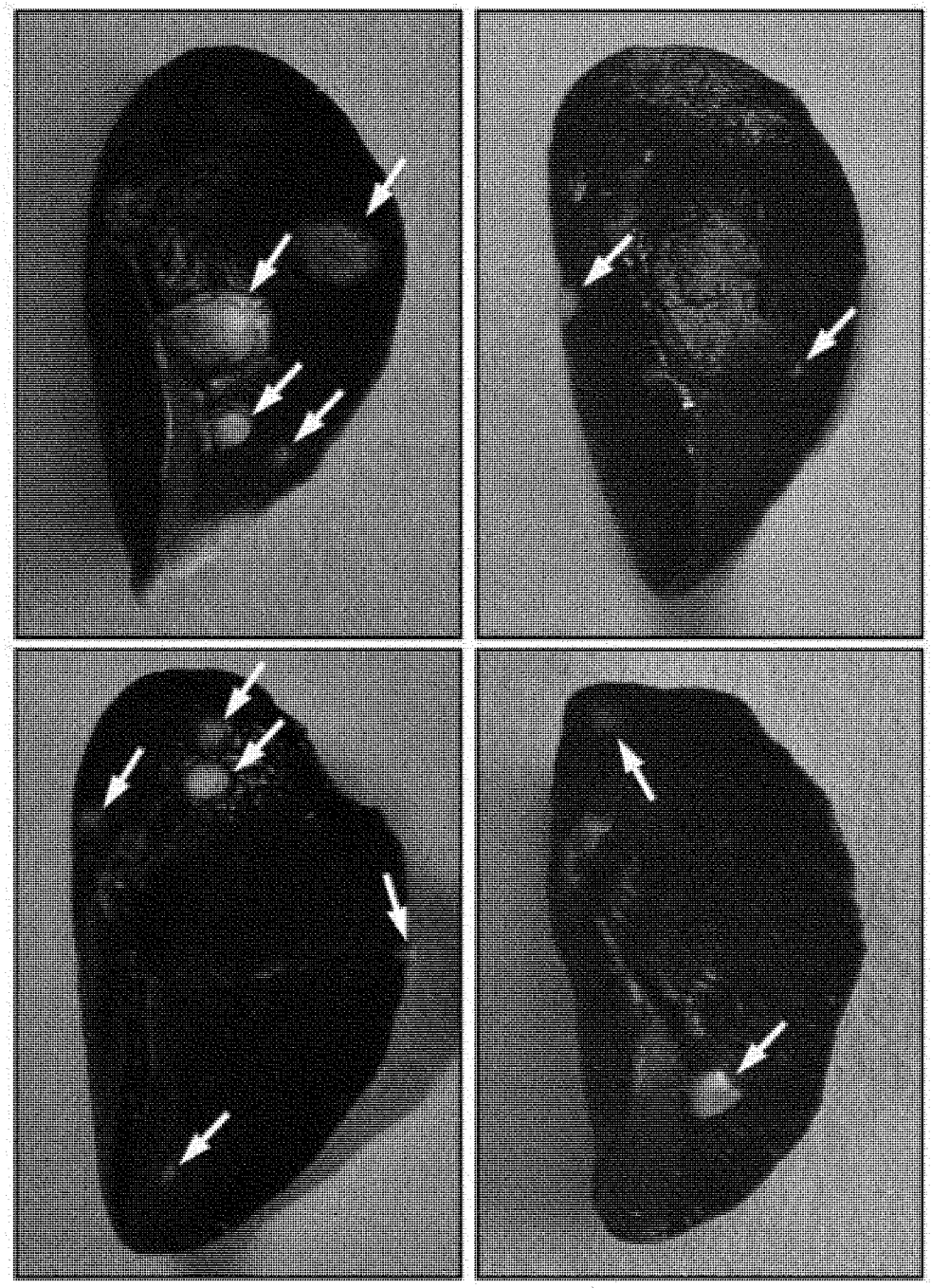


Data represents the mean ± S.E. (n = 9–10).
*: significantly different from vehicle group ($p < 0.05$).
**: significantly different from vehicle group ($p < 0.01$).

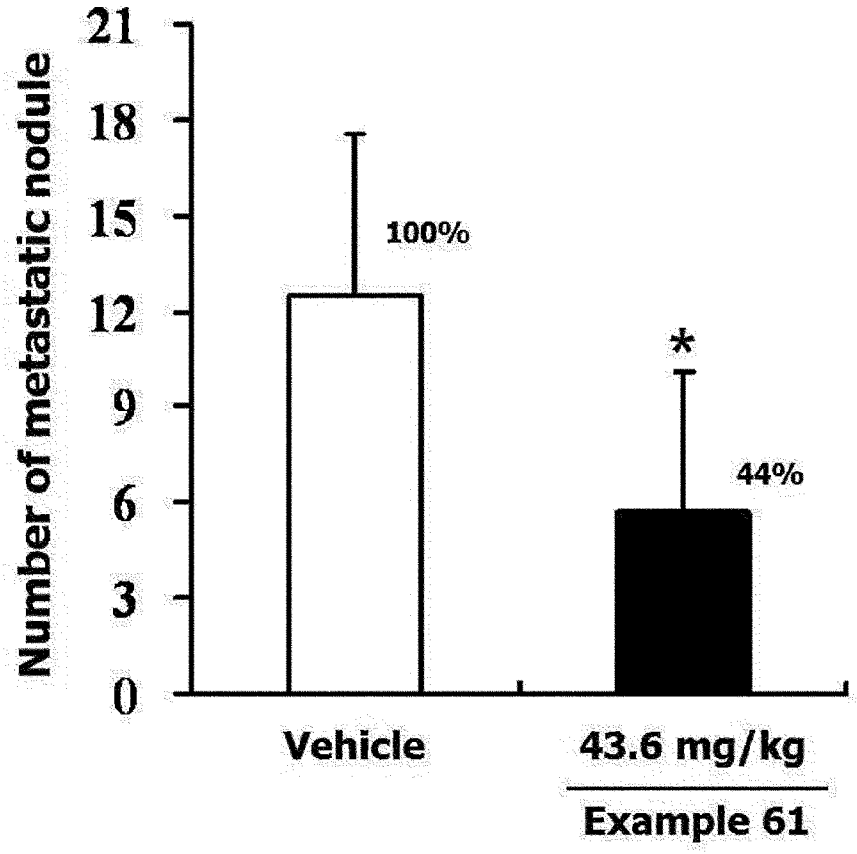
[Fig. 10c]


pSmad2
Smad2/3
β-actin
Example 2 (mg/kg)
TGF-β (50 ng/mouse)
0 5 10 20 40 0 5 10 20 40
- - - - - + + + + +

[Fig. 11a]

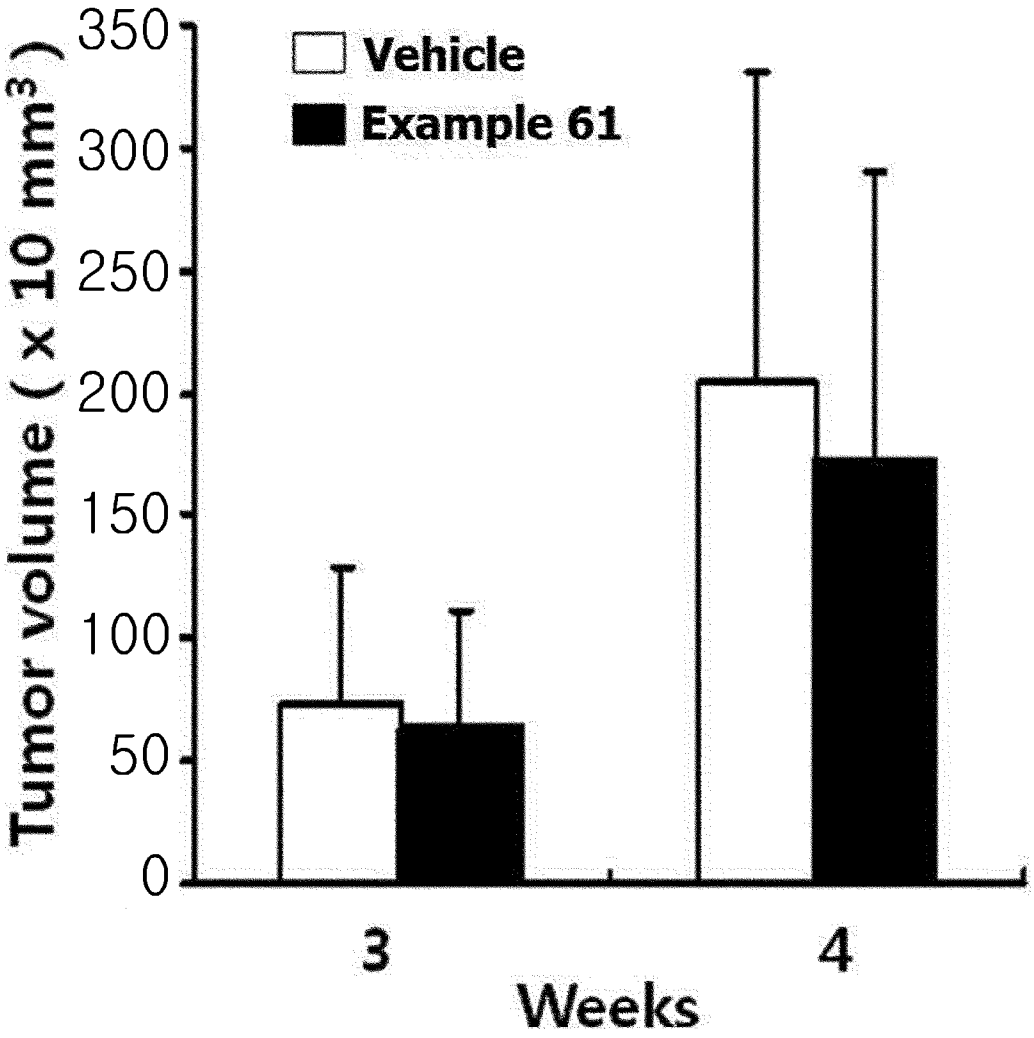


[Fig. 11b]



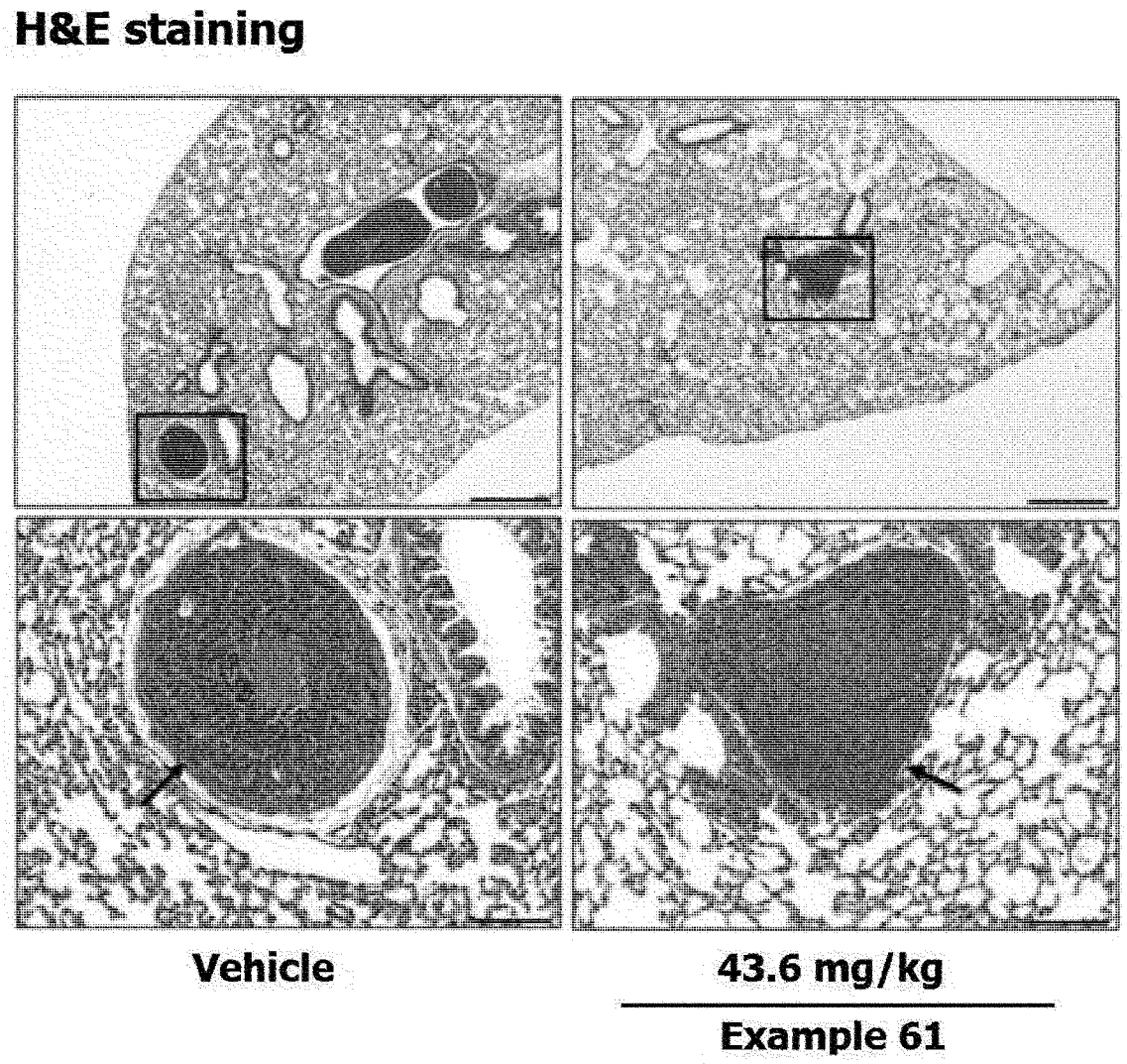
Data represents the mean ± S.D. (n = 8).
*: significantly different from vehicle group ($p < 0.05$).

[Fig. 11c]



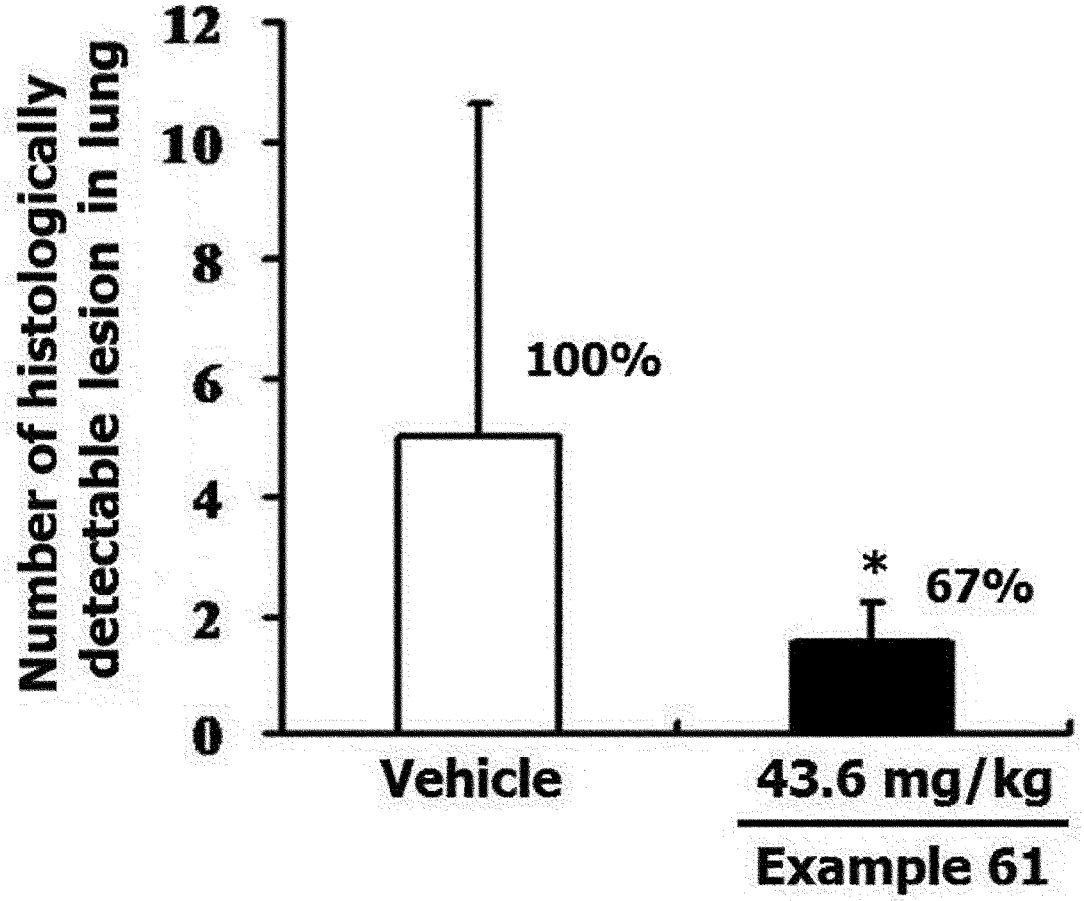
Data represents the mean ± S.D. (n = 6).

[Fig. 12a]



Arrows indicate metastatic lesions in the lung.

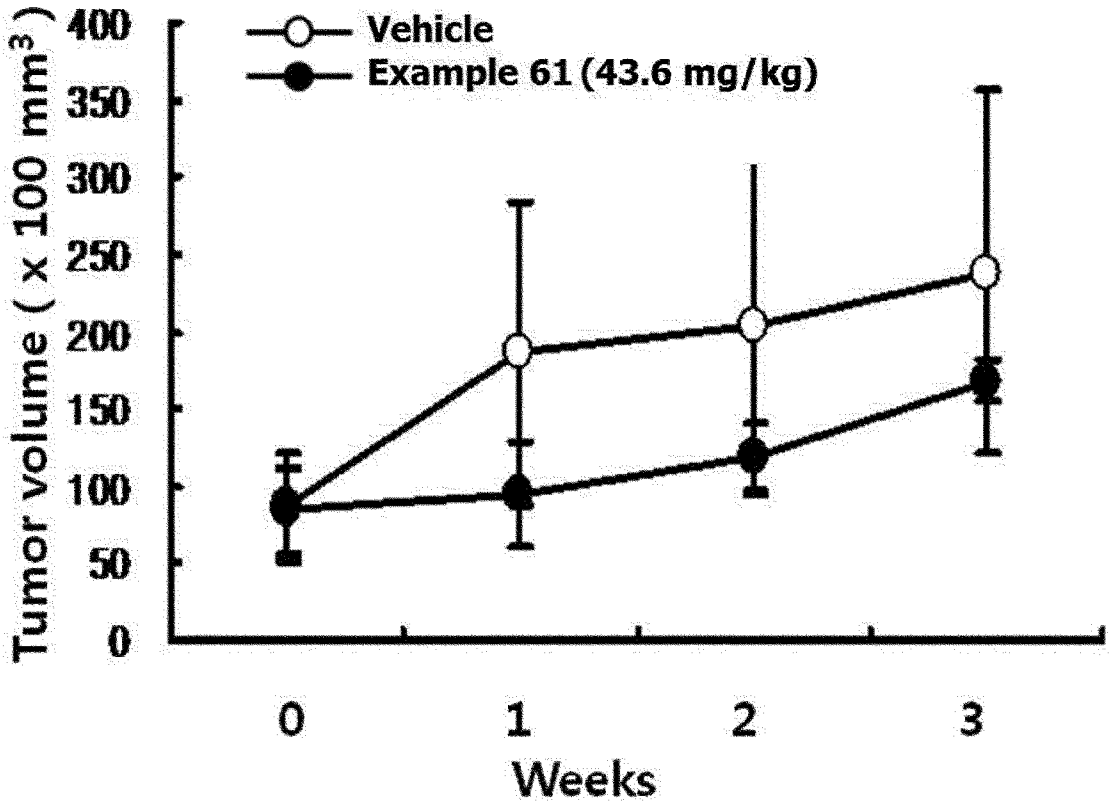
[Fig. 12b]



Data represents the mean ± S.D. (n = 3).

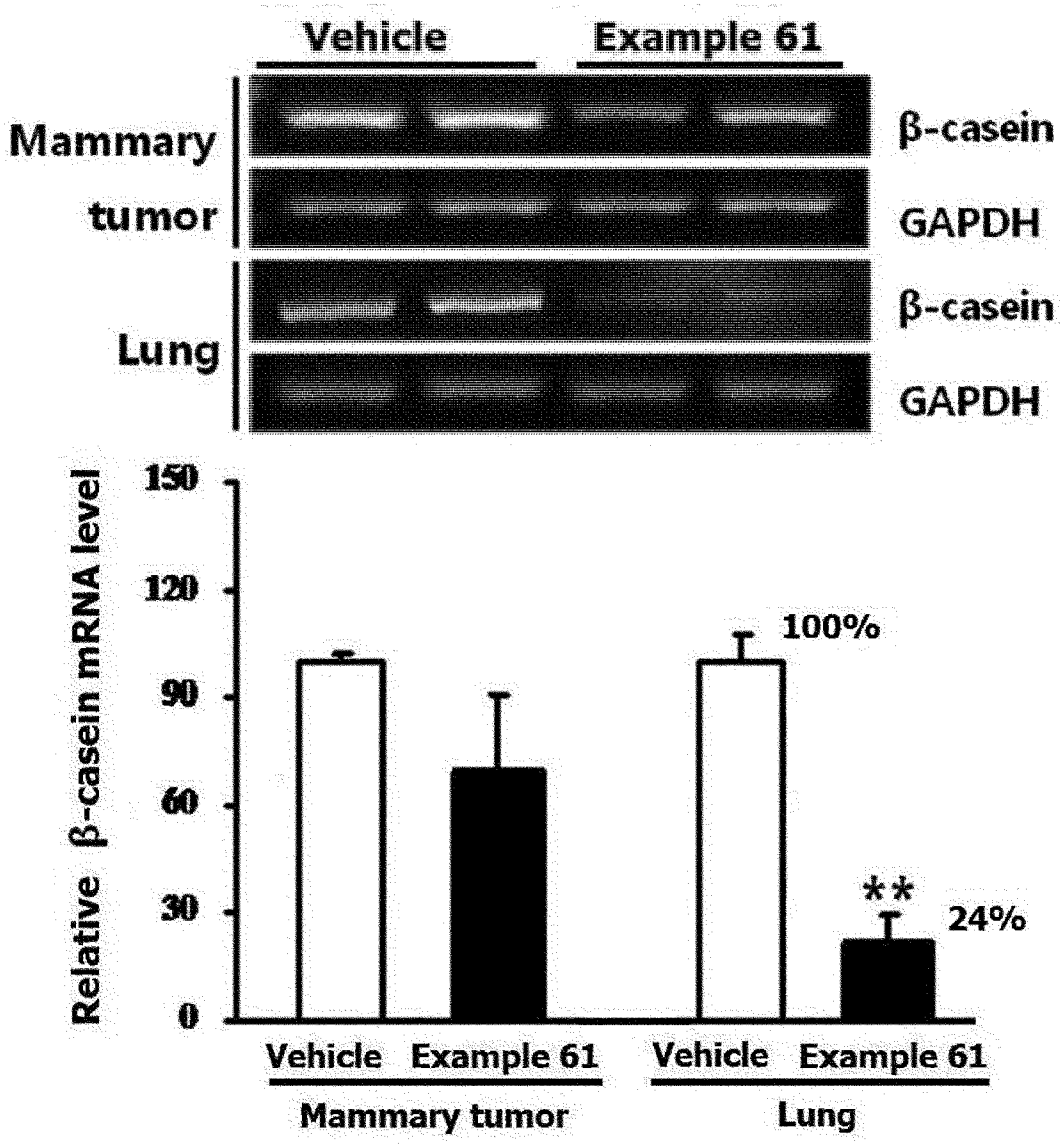
*: significantly different from vehicle group ($p < 0.05$).

[Fig. 12c]



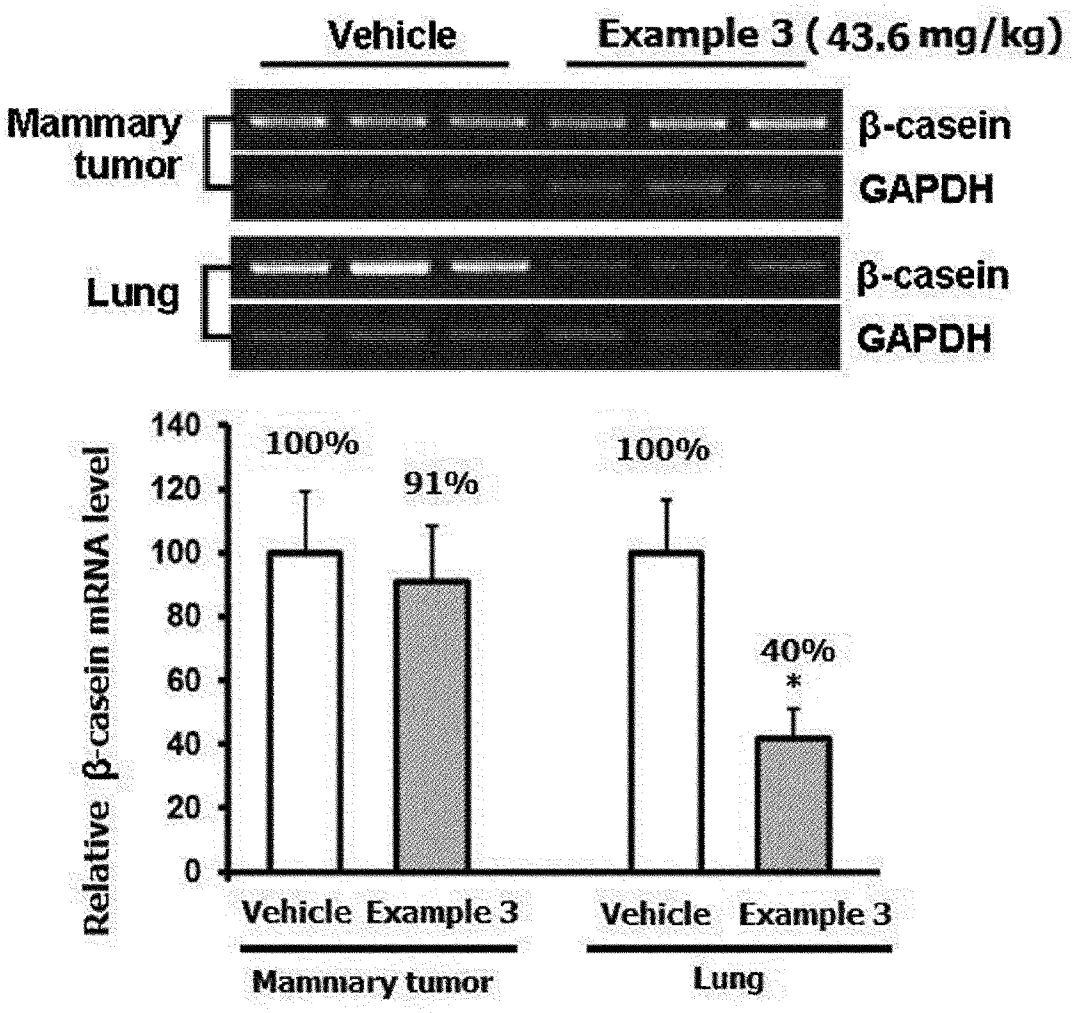
Data represents the mean ± S.D. (n = 3).

[Fig. 12d]



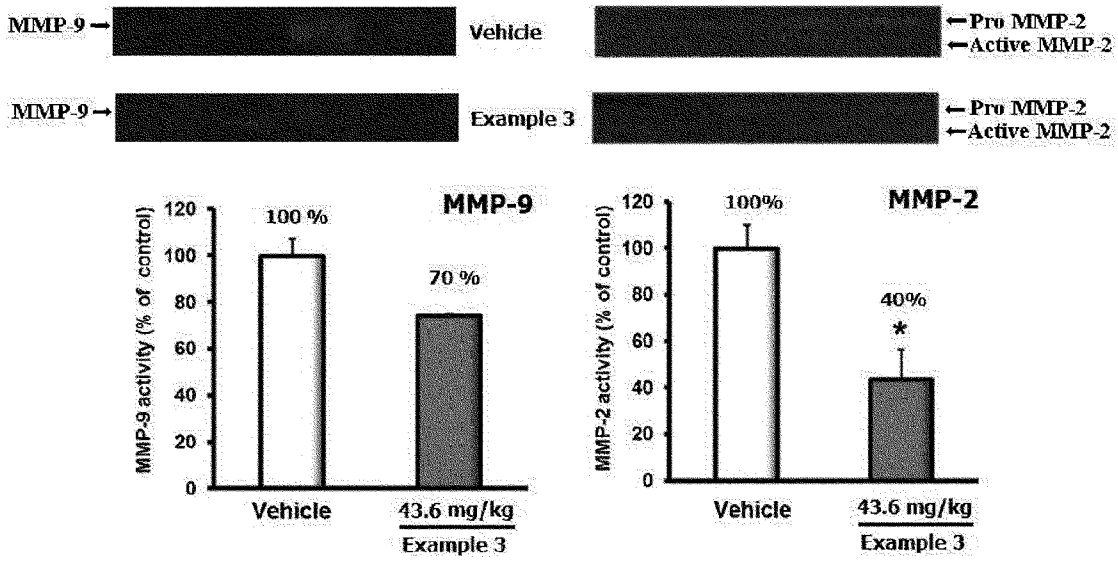
Data represents the mean ± S.D. (n = 6).
**: significantly different from vehicle group in lung ($p < 0.01$).

[Fig. 13a]



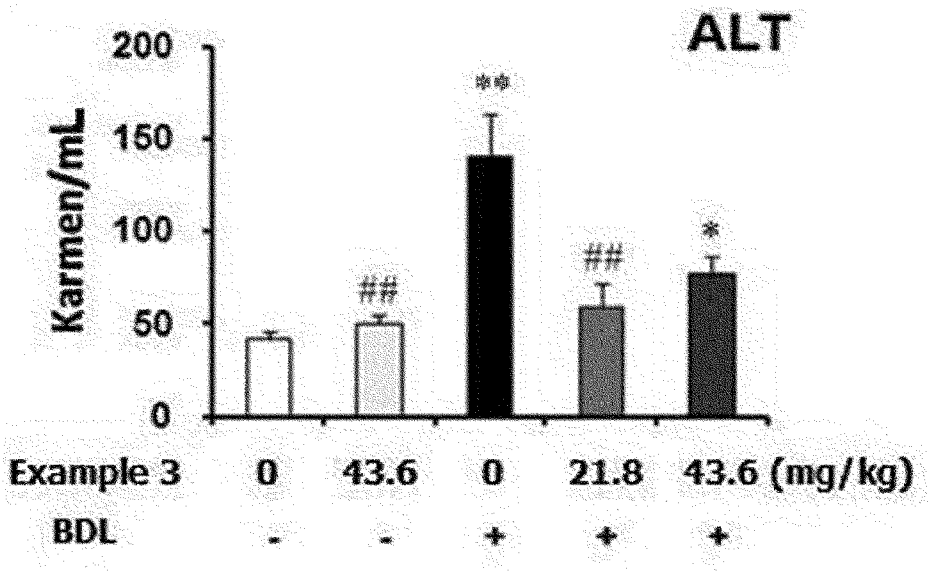
Data represents the mean ± S.E. (n = 7–10).
* : significantly different from vehicle group in lung ($p < 0.05$).

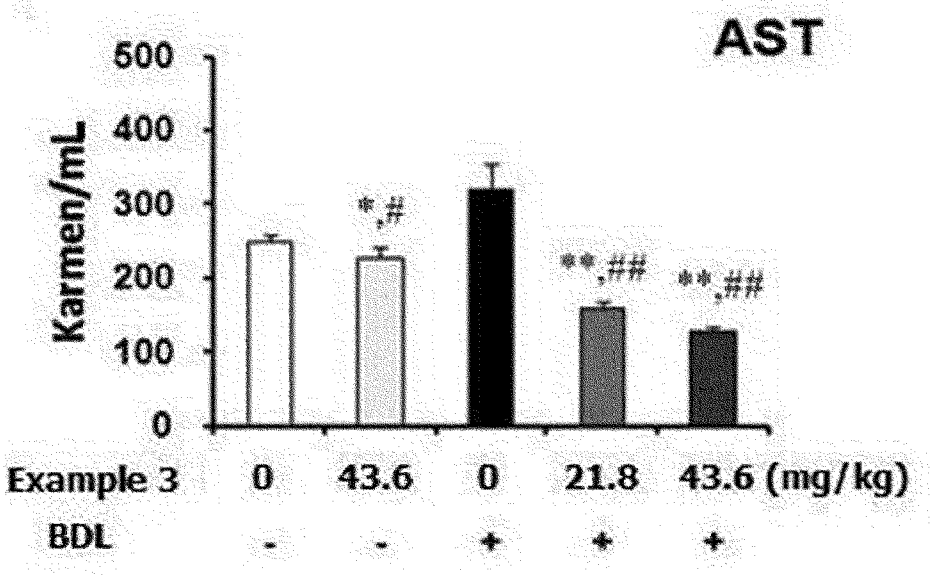
[Fig. 13b]



Data represents the mean ± S.E. (n = 5–10).
*: significantly different from vehicle group ($p < 0.05$).

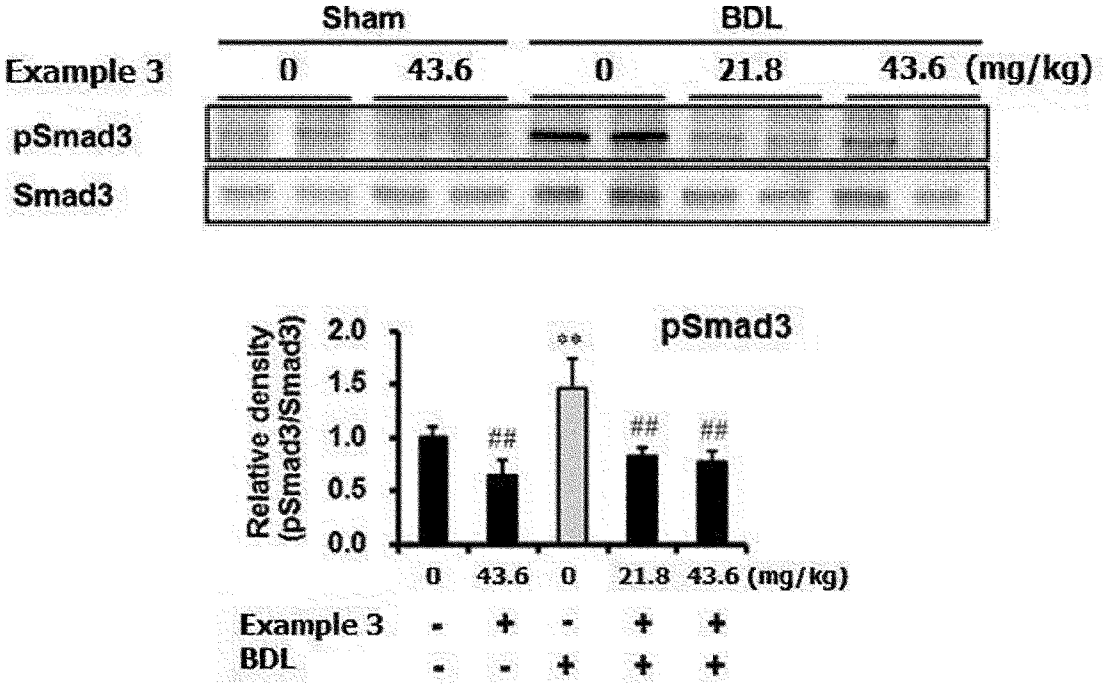
[Fig. 14a]





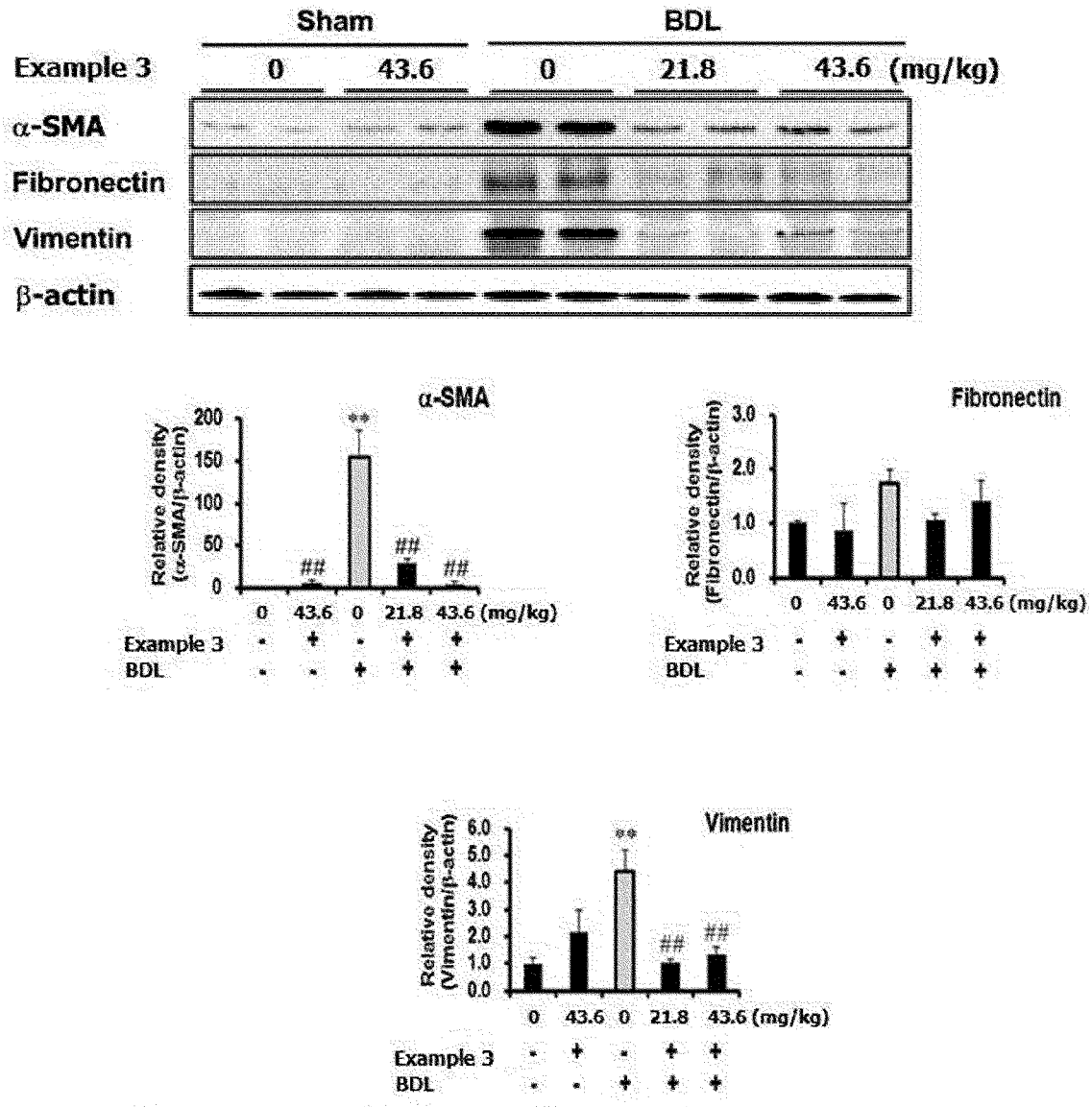
Data represents the mean ± S.E. (n = 5−8).
*: $p < 0.05$ vs. sham. **: $p < 0.01$ vs. sham.
#: $p < 0.05$ vs. BDL. ##: $p < 0.01$ vs. BDL.

[Fig. 14b]



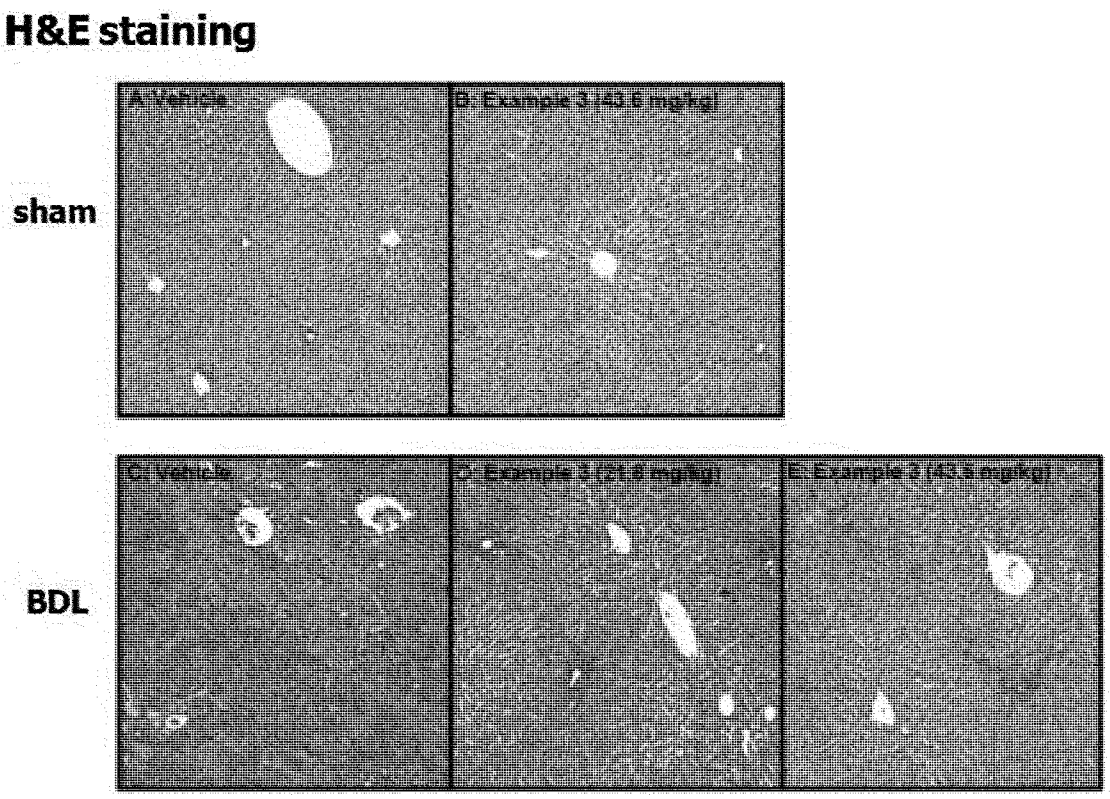
Data represents the mean ± S.E. (n = 5).
**: $p < 0.01$ vs. sham. ##: $p < 0.01$ vs. BDL.

[Fig. 14c]

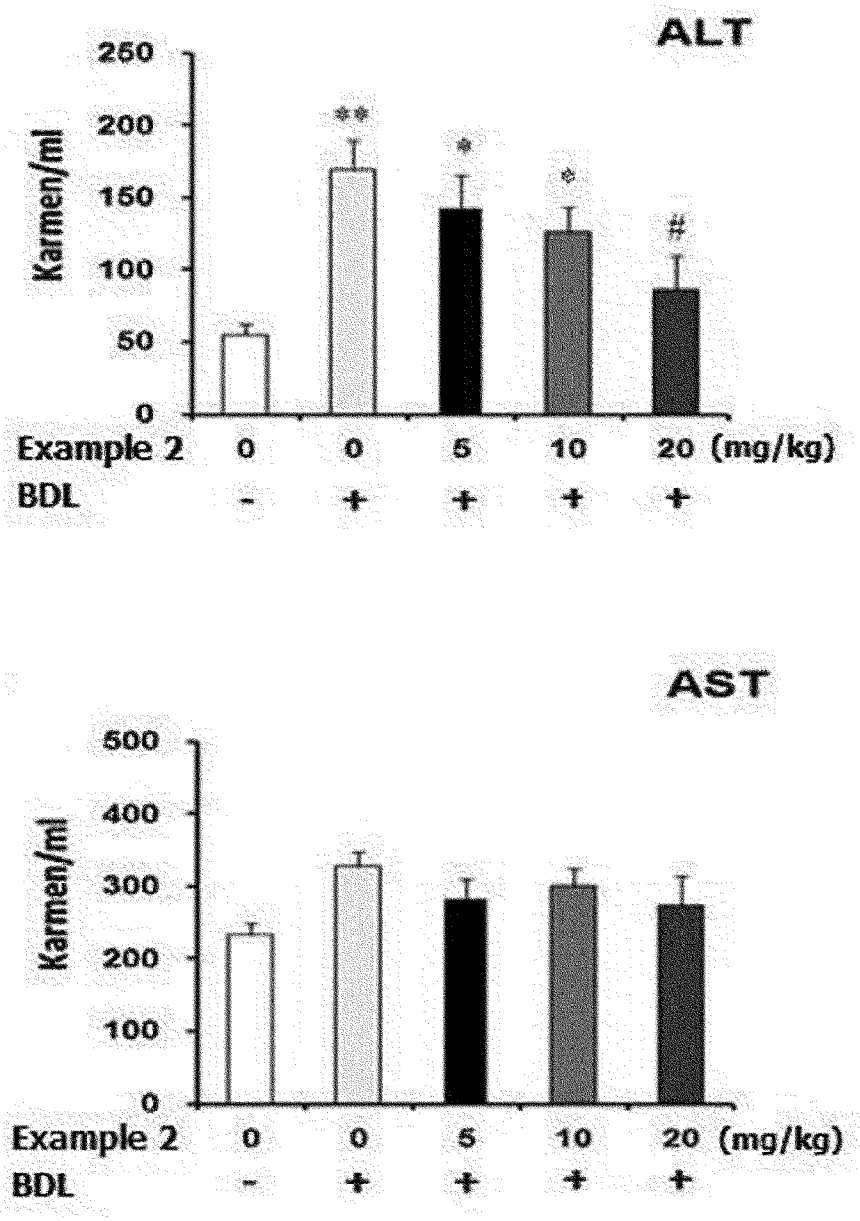


Data represents the mean ± S.E. (n = 5).
**: $p < 0.01$ vs. sham. ##: $p < 0.01$ vs. BDL.

[Fig. 14d]

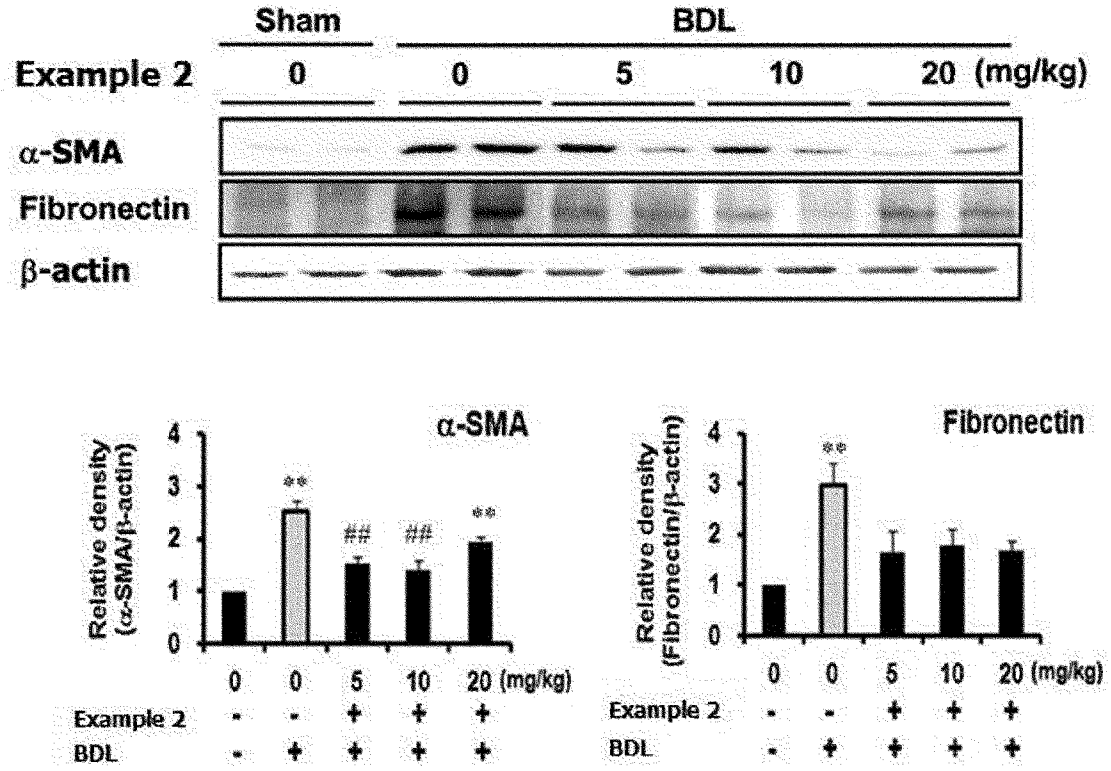

H&E staining
sham
A: Vehicle
B: Example 3 (43.6 mg/kg)
BDL
C: Vehicle
D: Example 3 (21.8 mg/kg)
E: Example 3 (43.5 mg/kg)

[Fig. 15a]



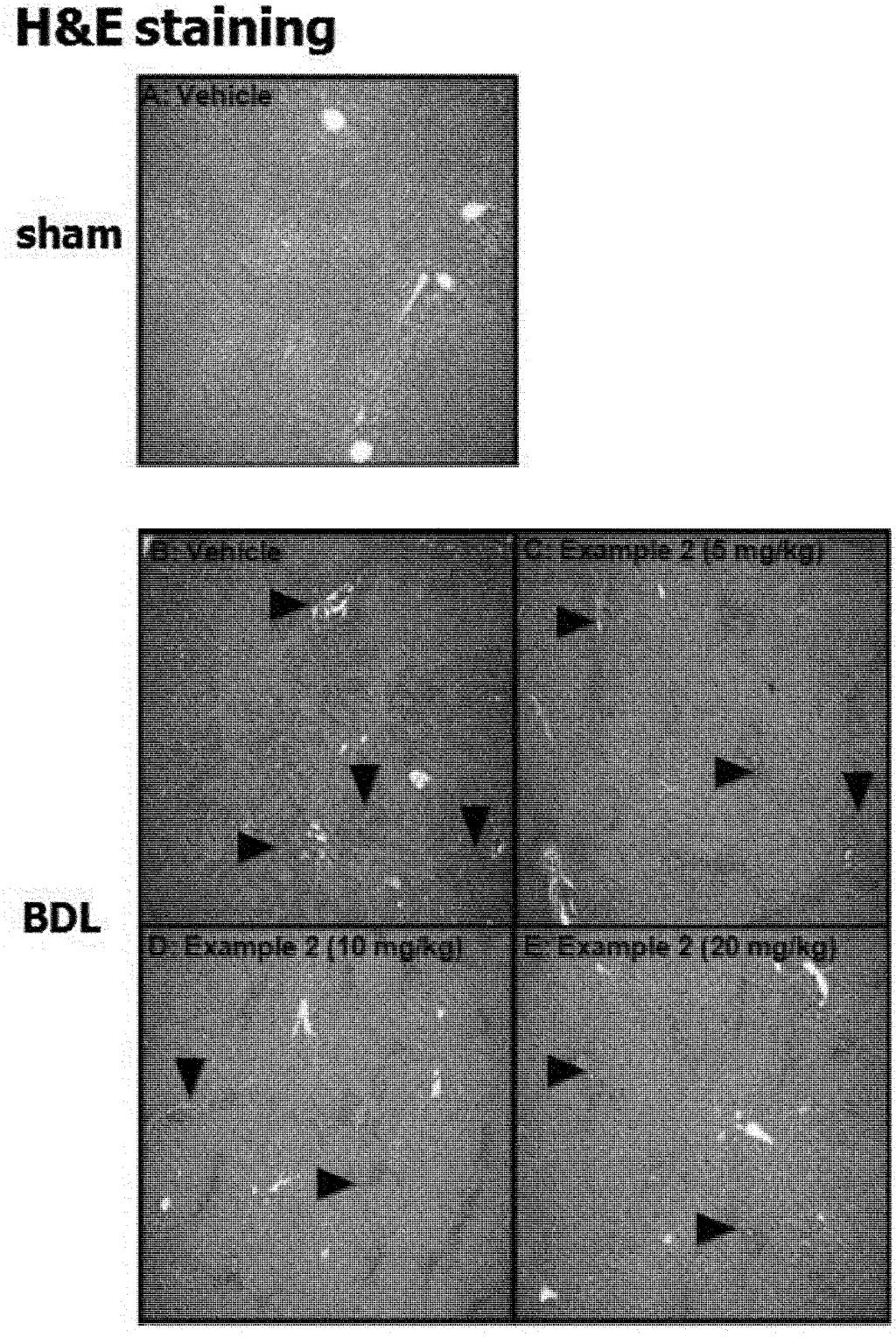
Data represents the mean ± S.E. (n = 5–8).
*: $p < 0.05$ vs. sham. **: $p < 0.01$ vs. sham.
#: $p < 0.05$ vs. BDL.

[Fig. 15b]

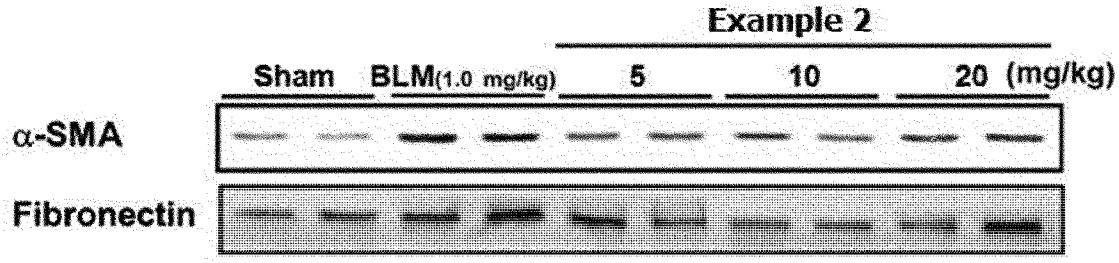


Data represents the mean ± S.E. (n = 5).
**: $p < 0.01$ vs. sham. ##: $p < 0.01$ vs. BDL.

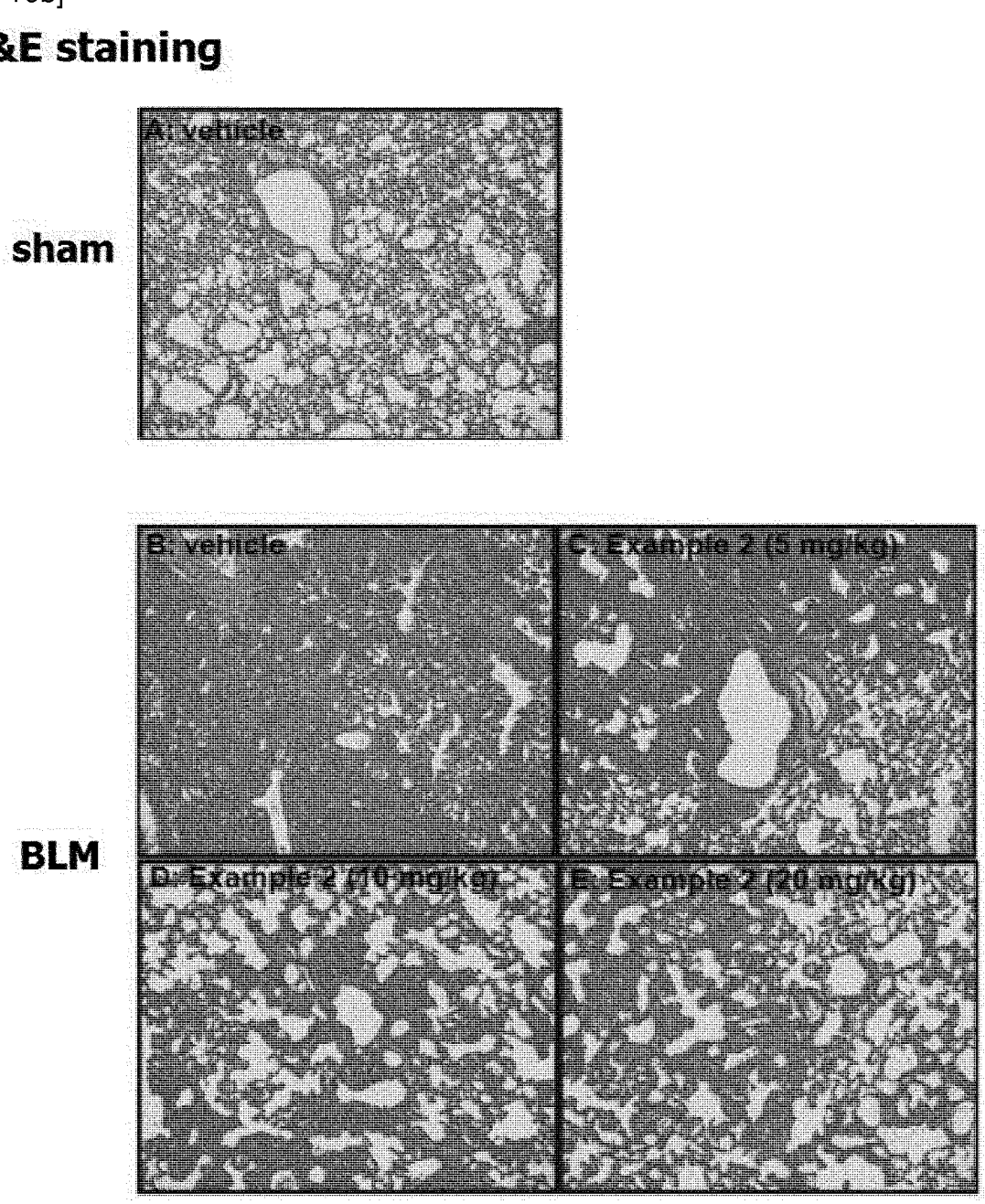
[Fig. 15c]



[Fig. 16a]



[Fig. 16b]


H&E staining
sham
A: vehicle
BLM
B: vehicle
C: Example 2 (5 mg/kg)
D: Example 2 (10 mg/kg)
E: Example 2 (20 mg/kg)