Fig. 1

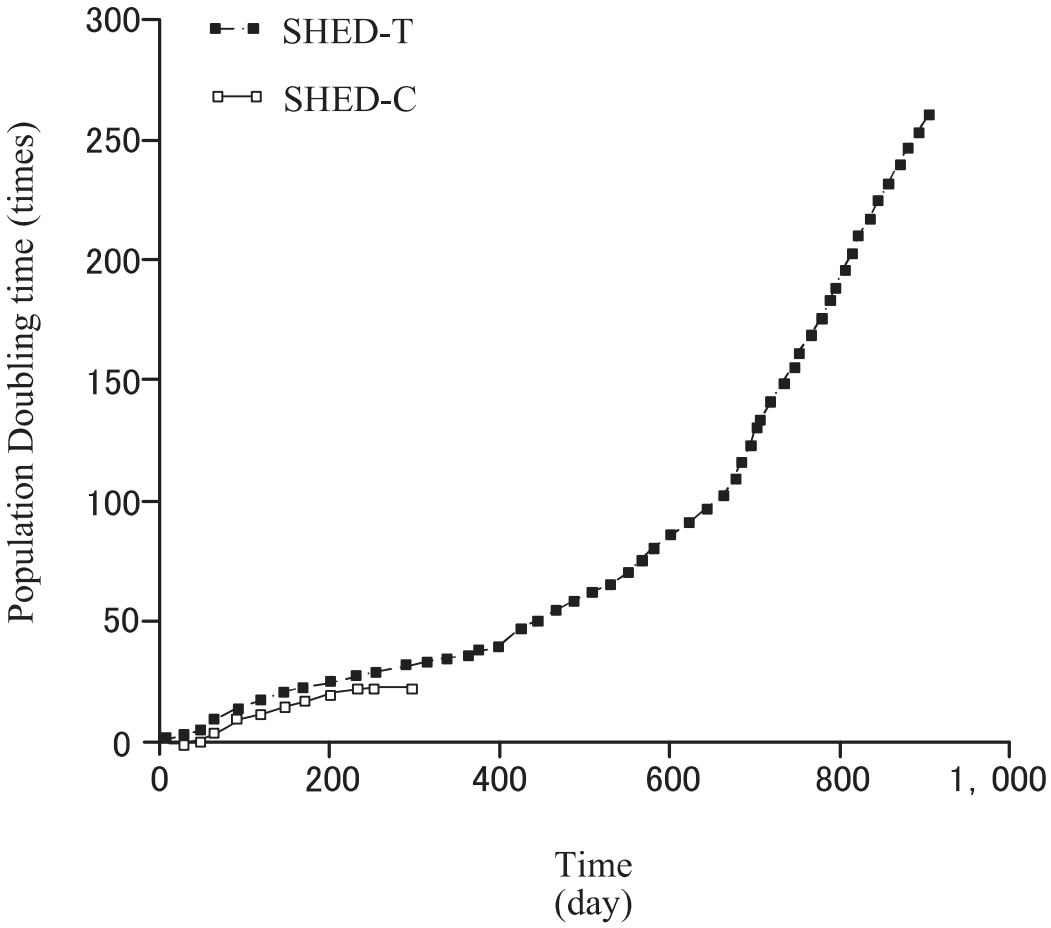

SHED-T
SHED-C
Population Doubling time (times)
300
250
200
150
100
50
0
0
200
400
600
800
1, 000
Time
(day)

Fig. 2

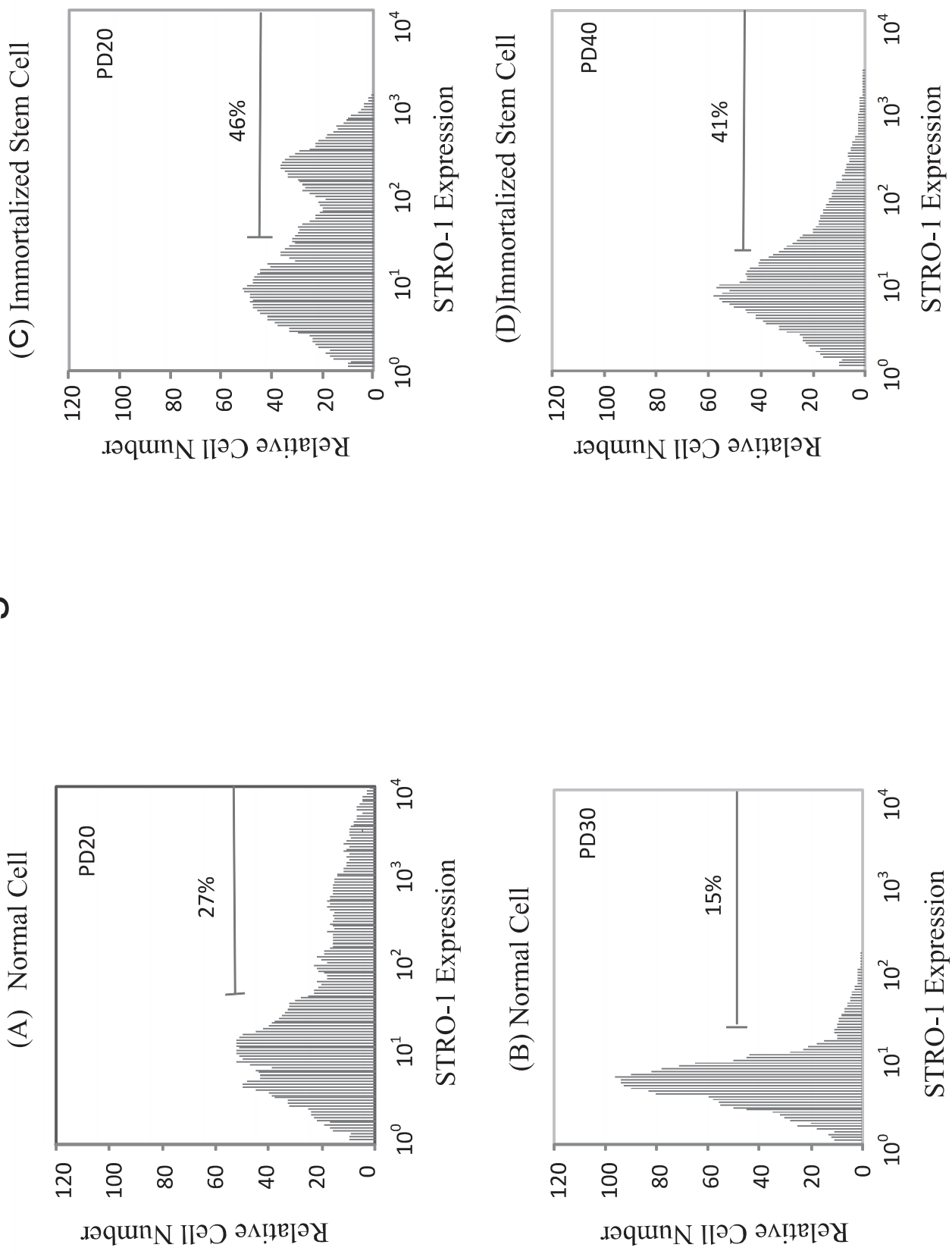
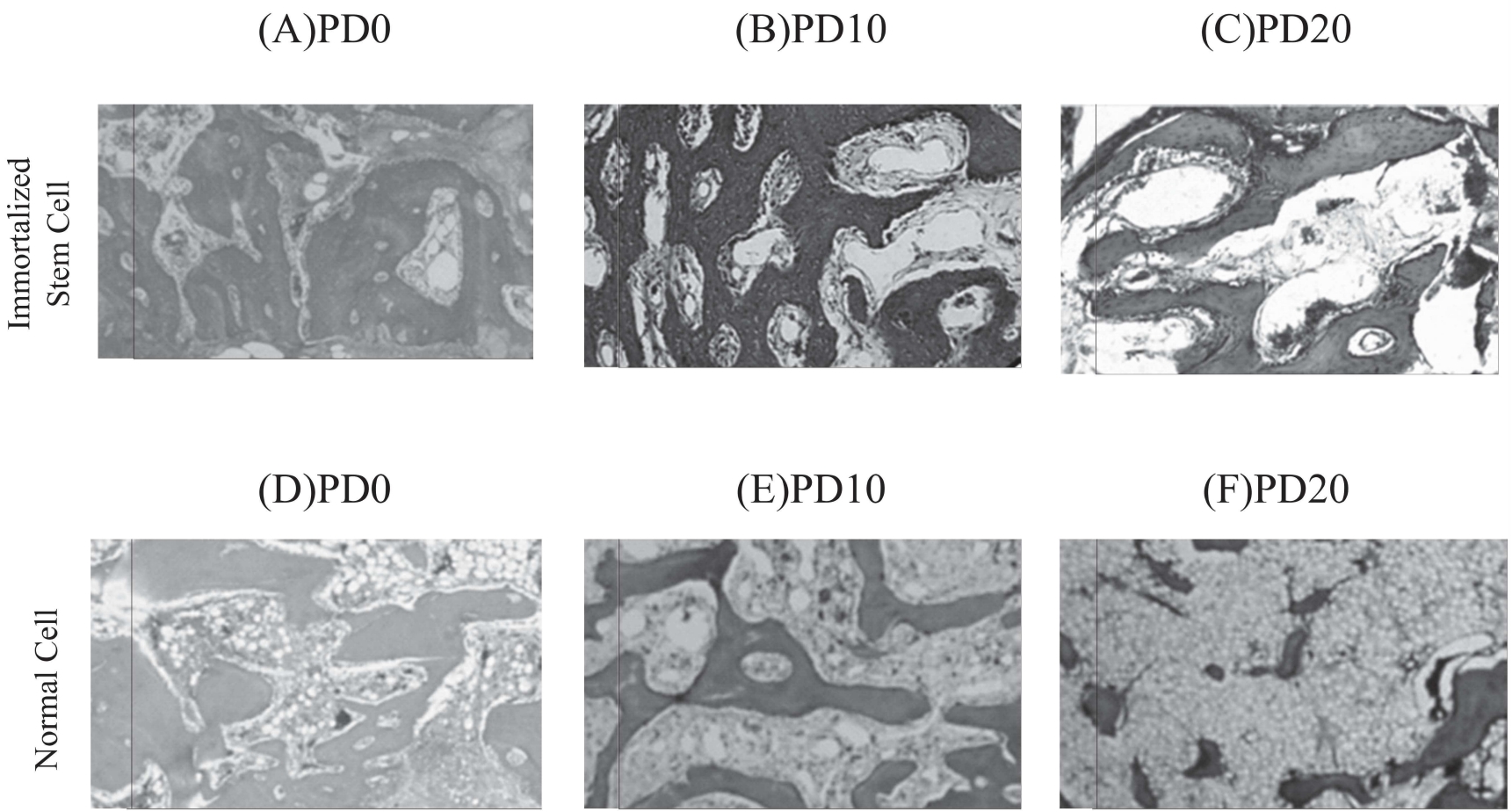

(A) Normal Cell
PD20
27%
Relative Cell Number
STRO-1 Expression
(B) Normal Cell
PD30
15%
Relative Cell Number
STRO-1 Expression
(C) Immortalized Stem Cell
PD20
46%
Relative Cell Number
STRO-1 Expression
(D)Immortalized Stem Cell
PD40
41%
Relative Cell Number
STRO-1 Expression

Fig. 3



（HE Staining x200）

Fig. 4

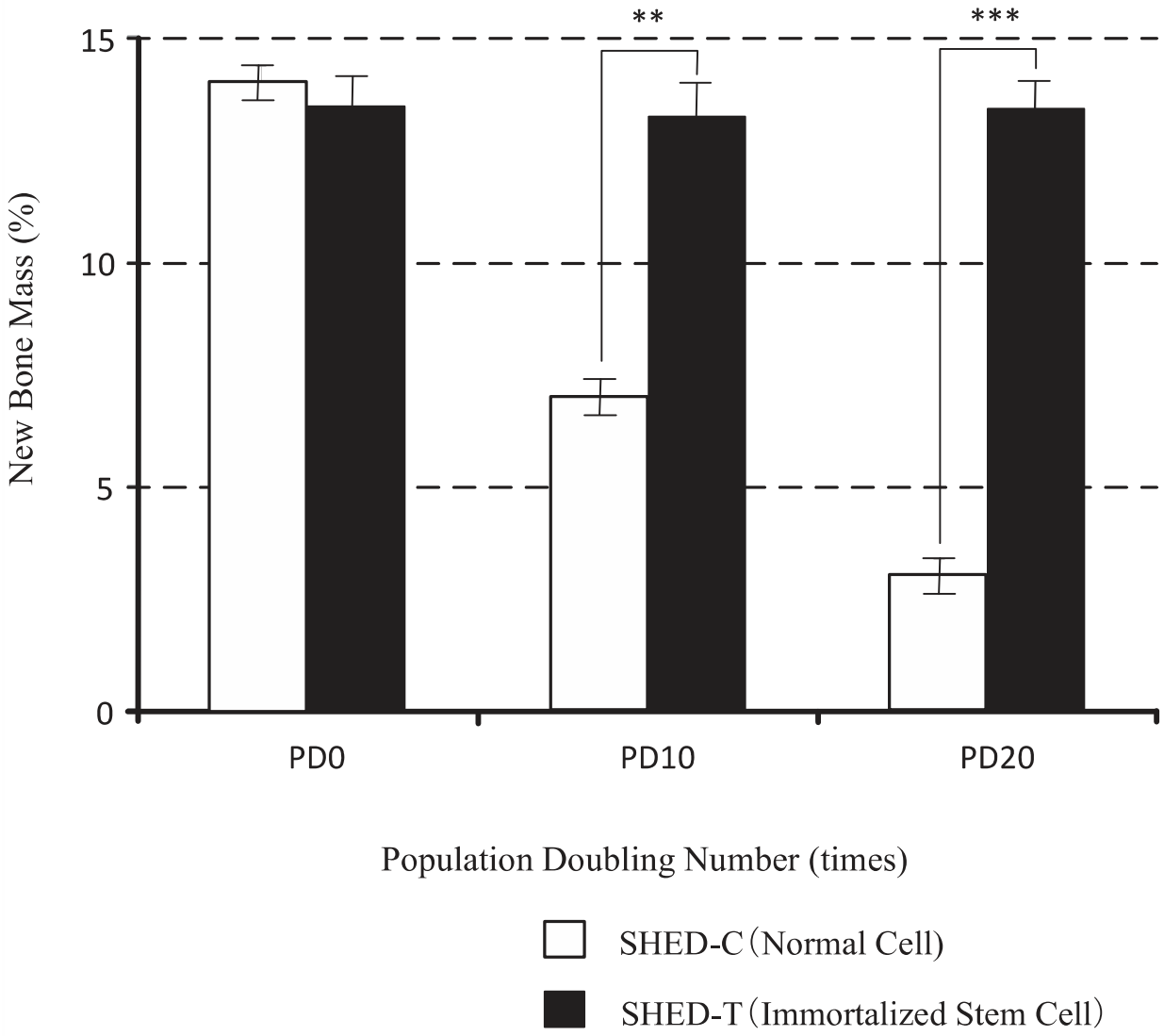

**
***
15
10
5
0
New Bone Mass (%)
PD0
PD10
PD20
Population Doubling Number (times)
SHED-C（Normal Cell)
SHED-T（Immortalized Stem Cell）

Fig. 5

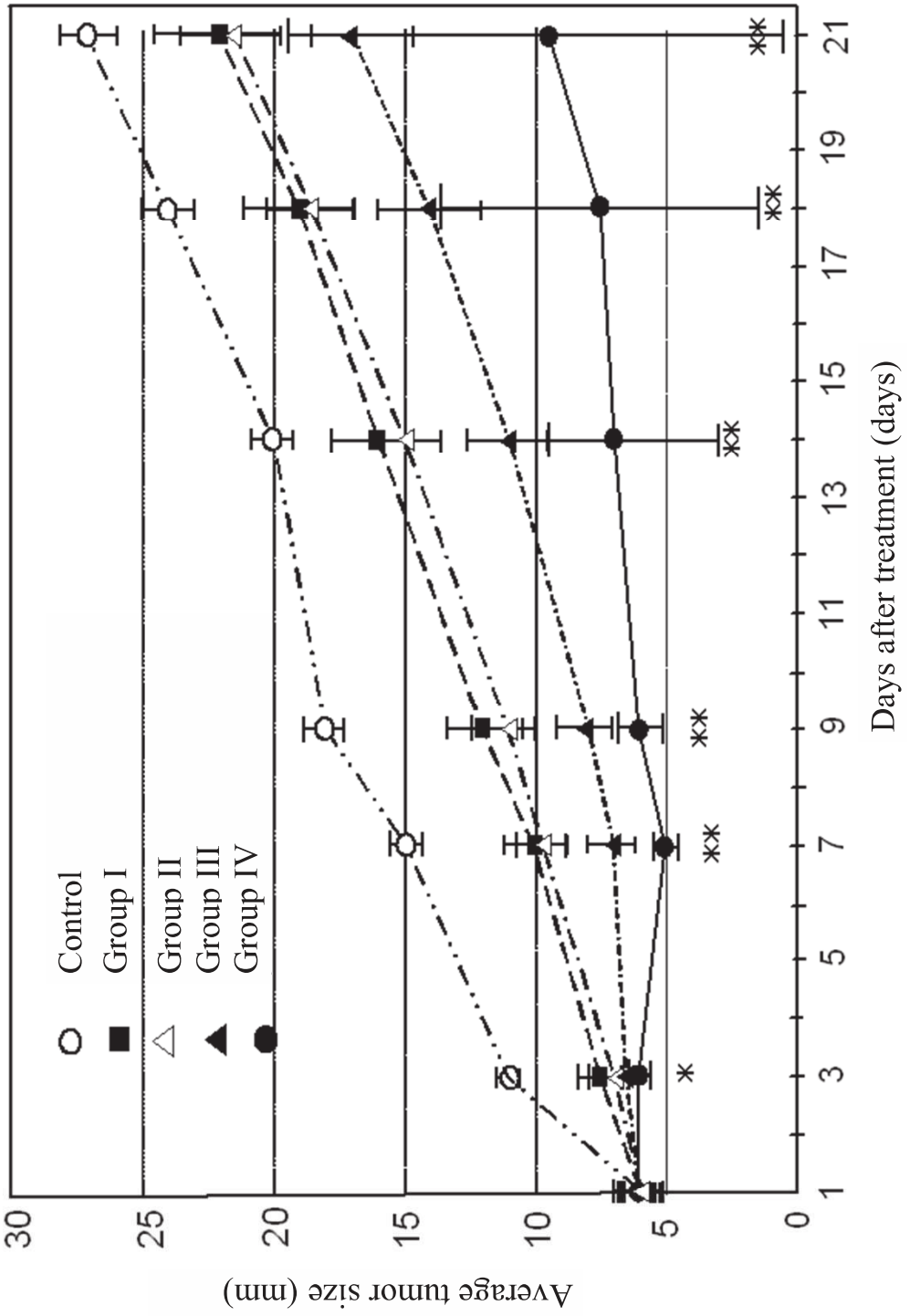
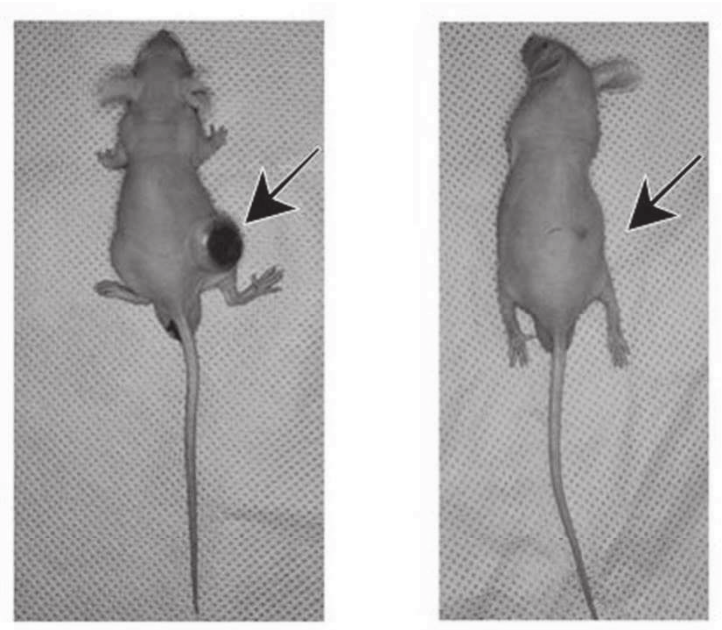

Average tumor size (mm)
Days after treatment (days)
Control
Group I
Group II
Group III
Group IV
0
5
10
15
20
25
30
1
3
5
7
9
11
13
15
17
19
21
*
**
**
**
**

Fig. 6

Example of complete healing



(A) (B)

Fig. 7

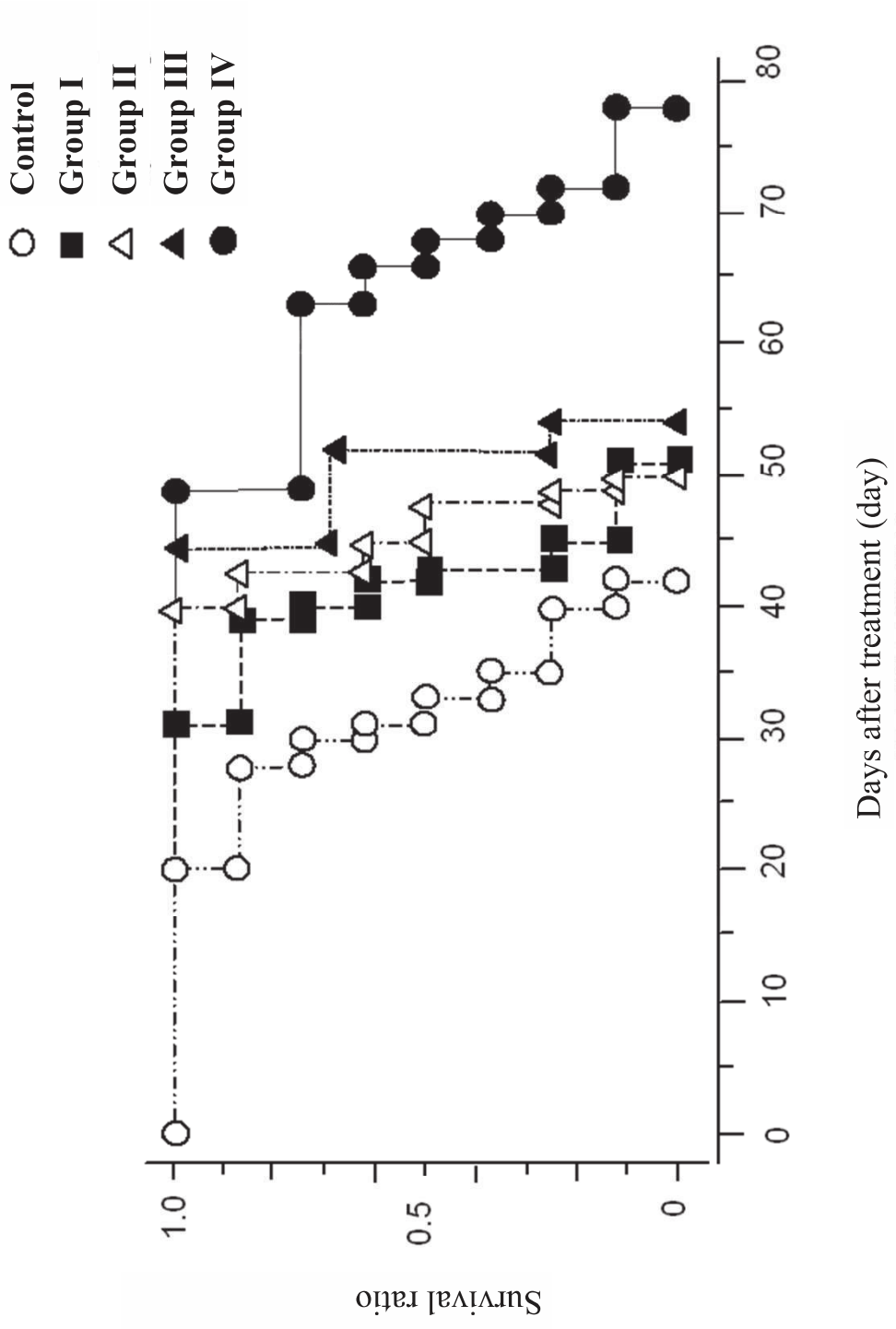

Control
Group I
Group II
Group III
Group IV
Survival ratio
1.0
0.5
0
0
10
20
30
40
50
60
70
80
Days after treatment (day)

Fig. 8

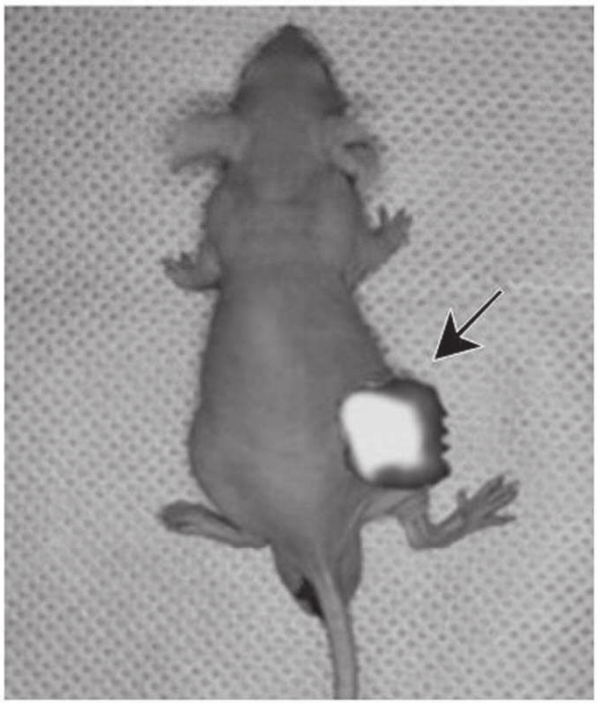


Fig. 9

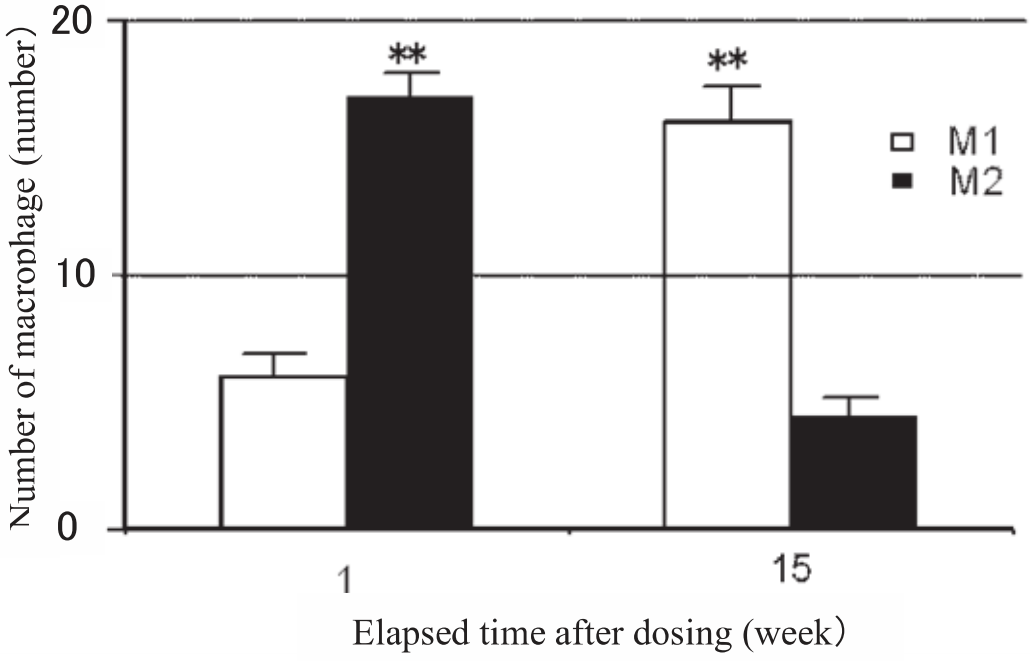
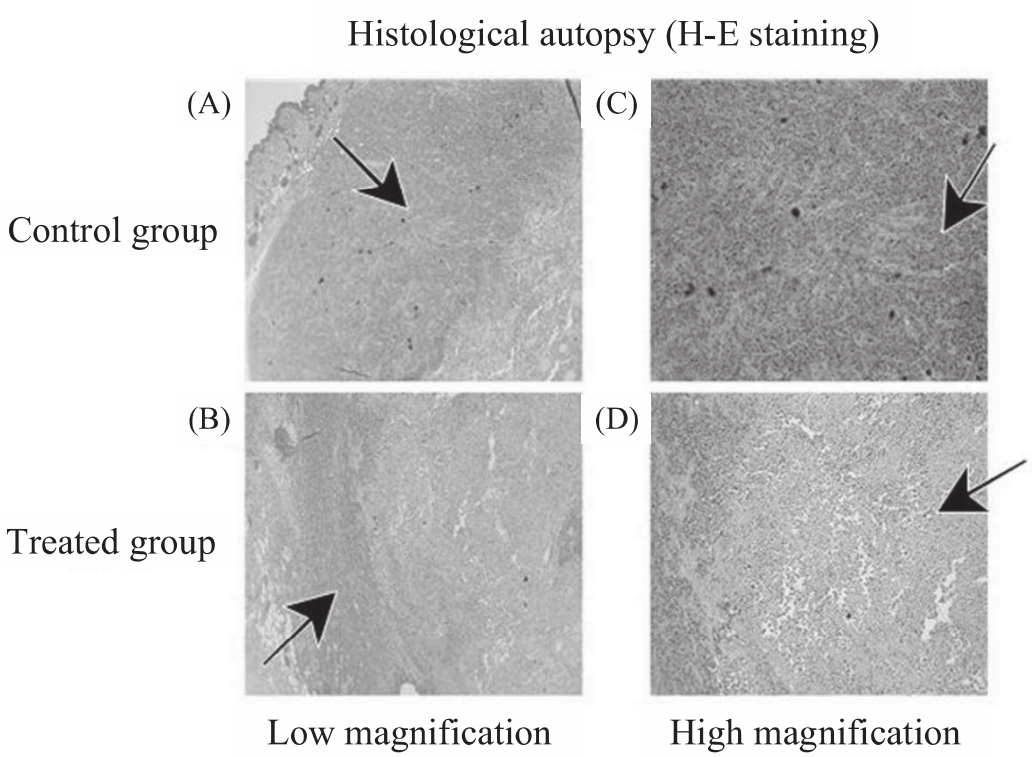

20
10
0
Number of macrophage (number)
**
**
M1
M2
1
15
Elapsed time after dosing (week)

Fig. 10


Histological autopsy (H-E staining)
(A)
(C)
Control group
(B)
(D)
Treated group
Low magnification
High magnification