Fig. 1

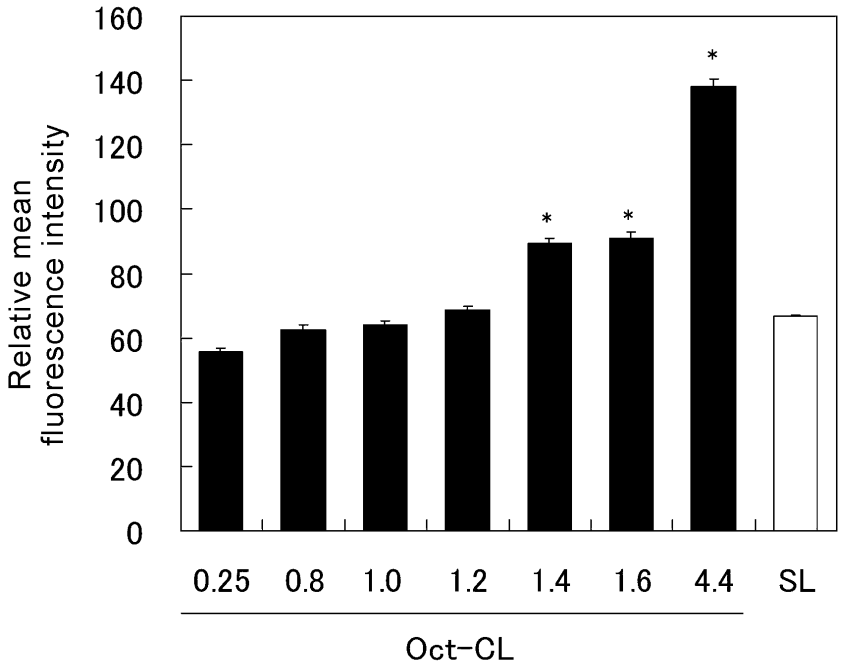

160
140
120
100
80
60
40
20
0
Relative mean fluorescence intensity
*
*
*
0.25
0.8
1.0
1.2
1.4
1.6
4.4
SL
Oct-CL

Fig. 2

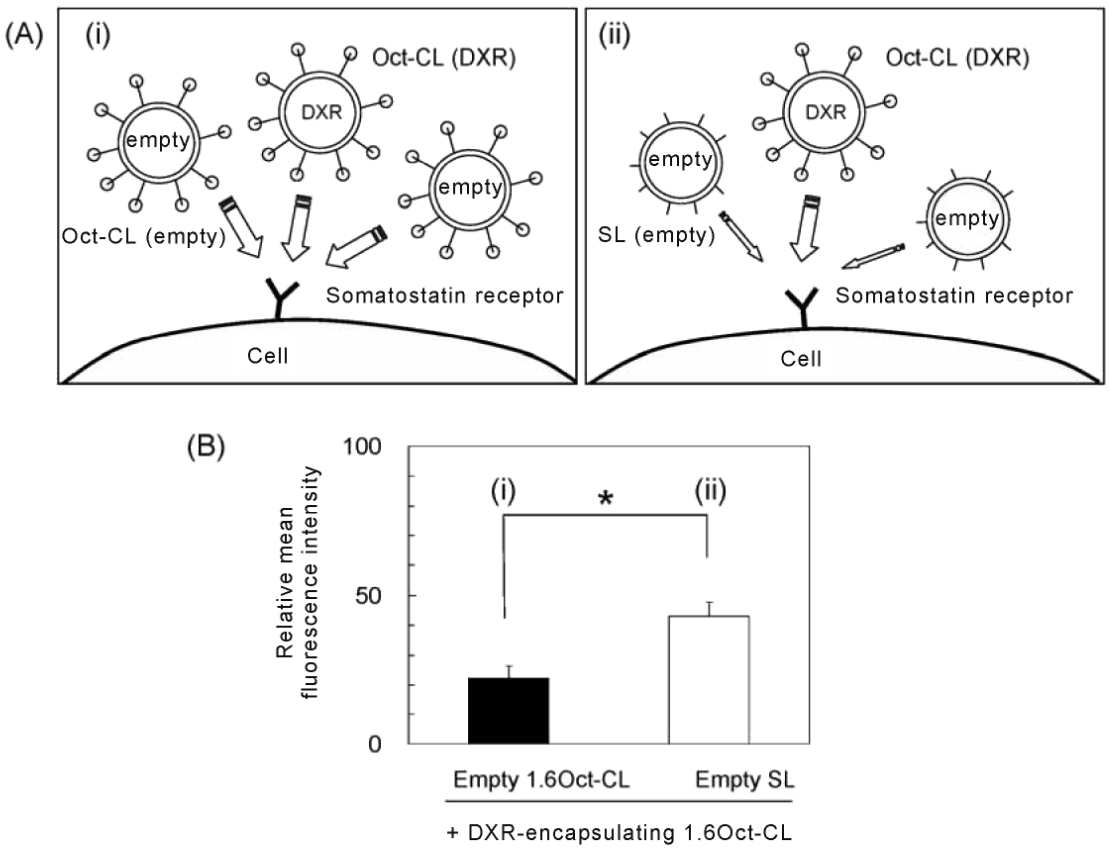

(A)
(i)
Oct-CL (DXR)
DXR
empty
empty
Oct-CL (empty)
Somatostatin receptor
Cell
(ii)
Oct-CL (DXR)
DXR
empty
empty
SL (empty)
Somatostatin receptor
Cell
(B)
100
50
0
Relative mean fluorescence intensity
(i)
*
(ii)
Empty 1.6Oct-CL
Empty SL
+ DXR-encapsulating 1.6Oct-CL

Fig. 3

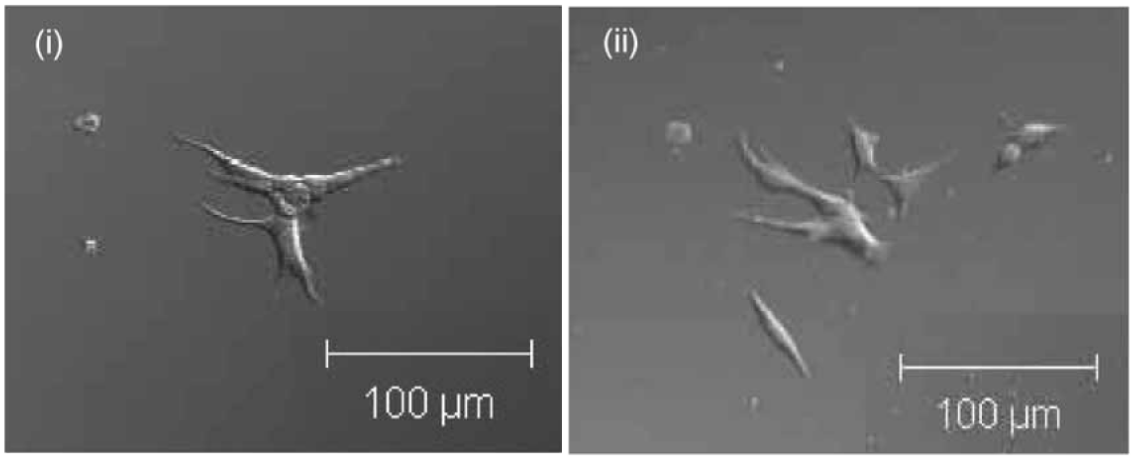

(i)
100 µm
(ii)
100 µm

Fig. 4

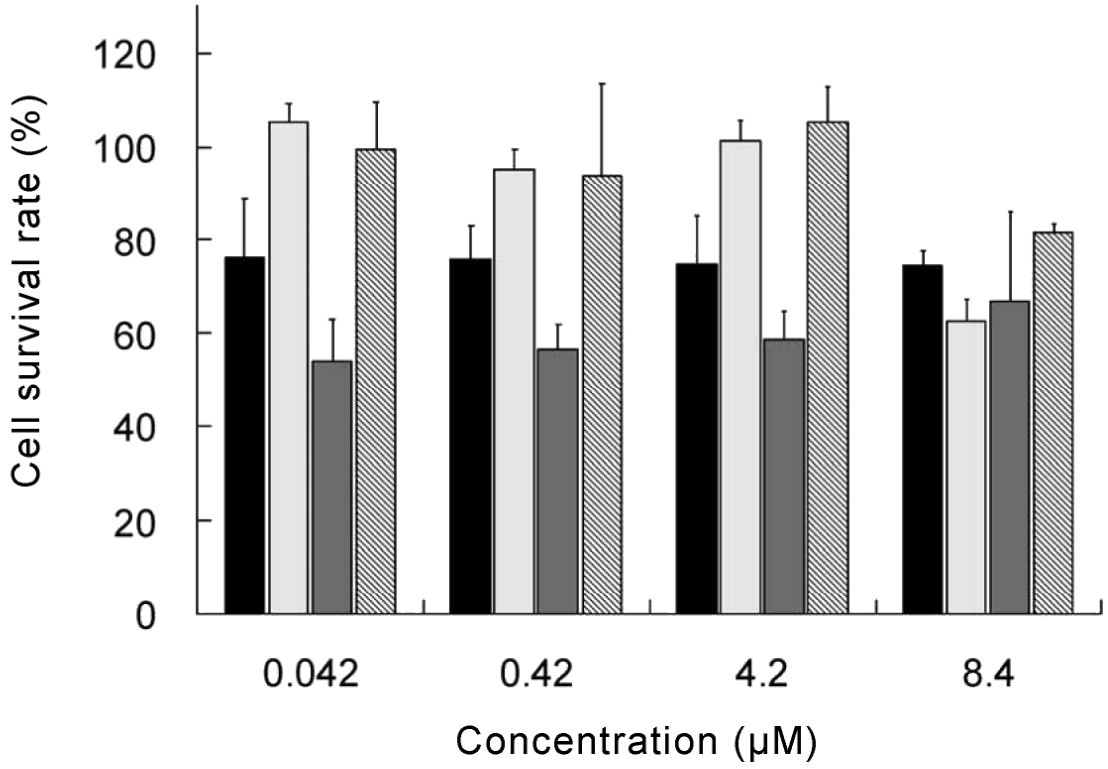

Cell survival rate (%)
120
100
80
60
40
20
0
0.042
0.42
4.2
8.4
Concentration (µM)

Fig. 5

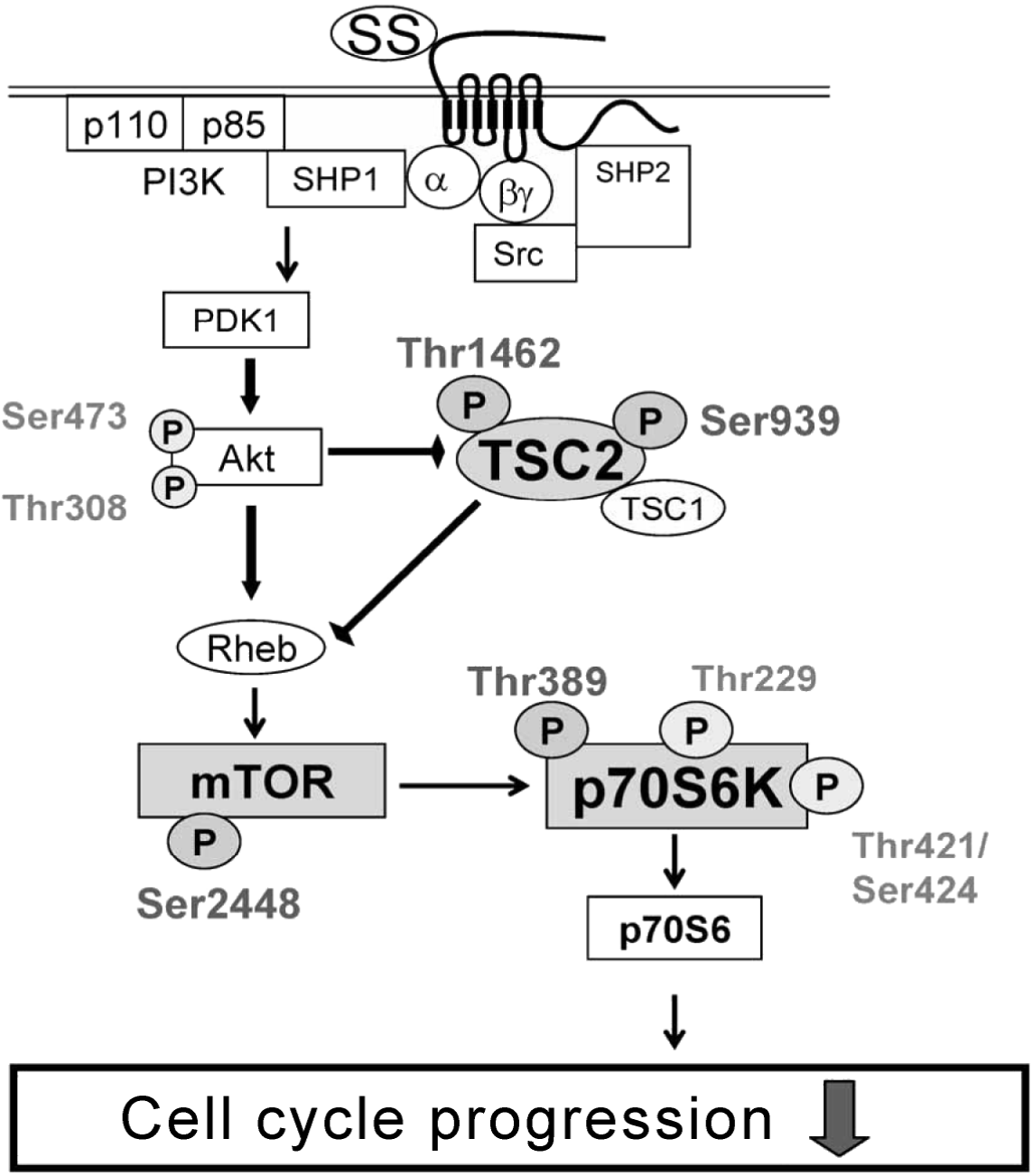

SS
p110
p85
PI3K
SHP1
α
βγ
SHP2
Src
PDK1
Thr1462
Ser473
P
Akt
P
Thr308
P
TSC2
P
Ser939
TSC1
Rheb
Thr389
Thr229
P
P
mTOR
P
p70S6K
P
Ser2448
Thr421/
Ser424
p70S6
Cell cycle progression

Fig. 6

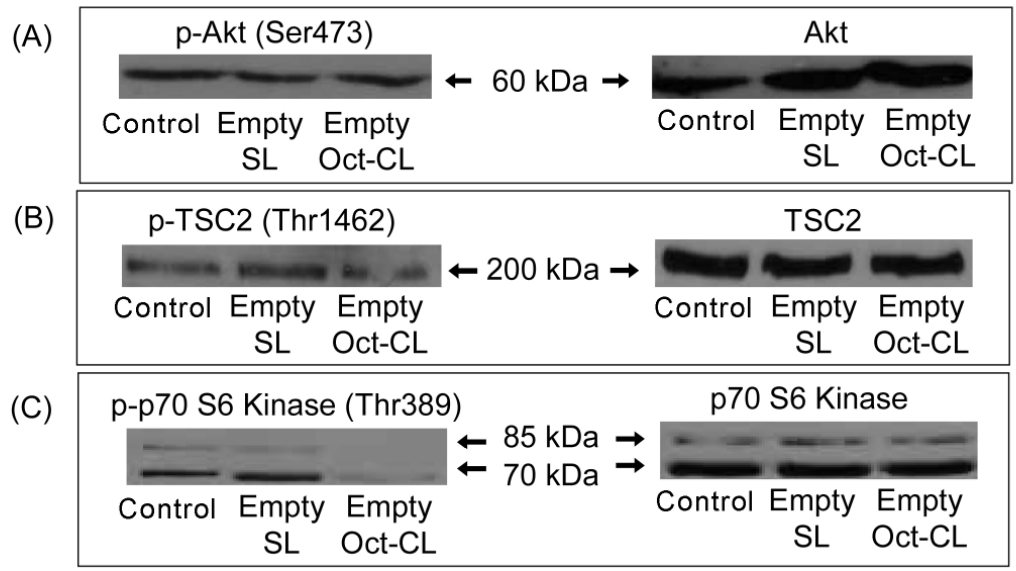

(A)
p-Akt (Ser473)
60 kDa
Akt
Control
Empty SL
Empty Oct-CL
Control
Empty SL
Empty Oct-CL
(B)
p-TSC2 (Thr1462)
200 kDa
TSC2
Control
Empty SL
Empty Oct-CL
Control
Empty SL
Empty Oct-CL
(C)
p-p70 S6 Kinase (Thr389)
85 kDa
70 kDa
p70 S6 Kinase
Control
Empty SL
Empty Oct-CL
Control
Empty SL
Empty Oct-CL

Fig. 7

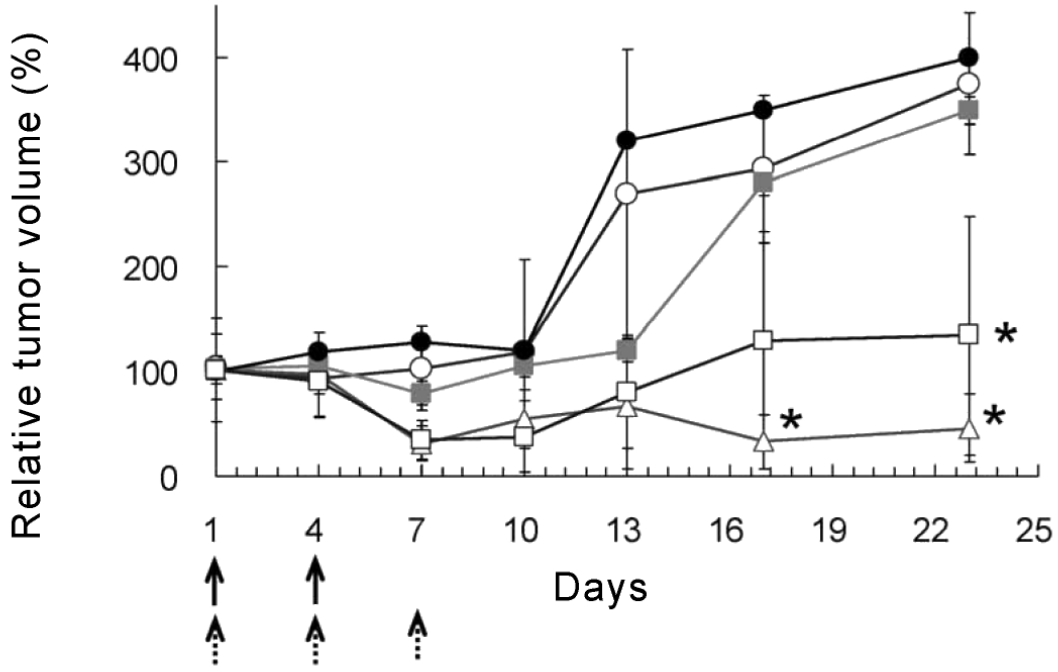

Relative tumor volume (%)
400
300
200
100
0
1
4
7
10
13
16
19
22
25
Days
*
*
*

Fig. 8

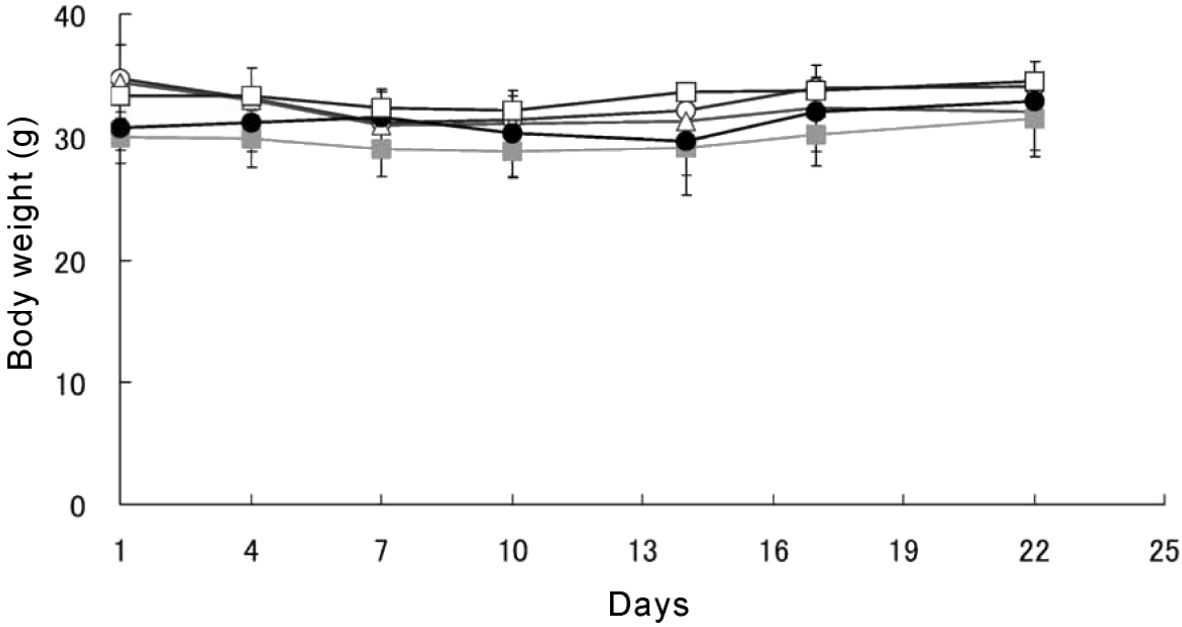

Body weight (g)
40
30
20
10
0
1
4
7
10
13
16
19
22
25
Days

Fig. 9

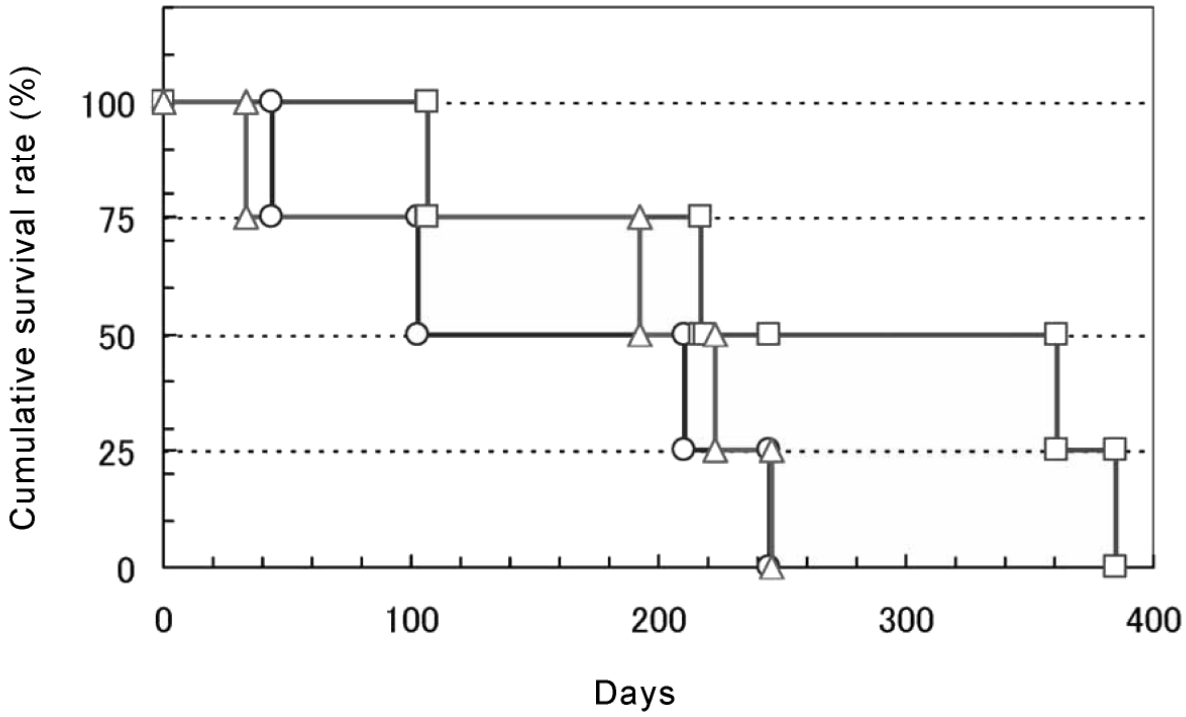

Cumulative survival rate (%)
100
75
50
25
0
0
100
200
300
400
Days

Fig. 10

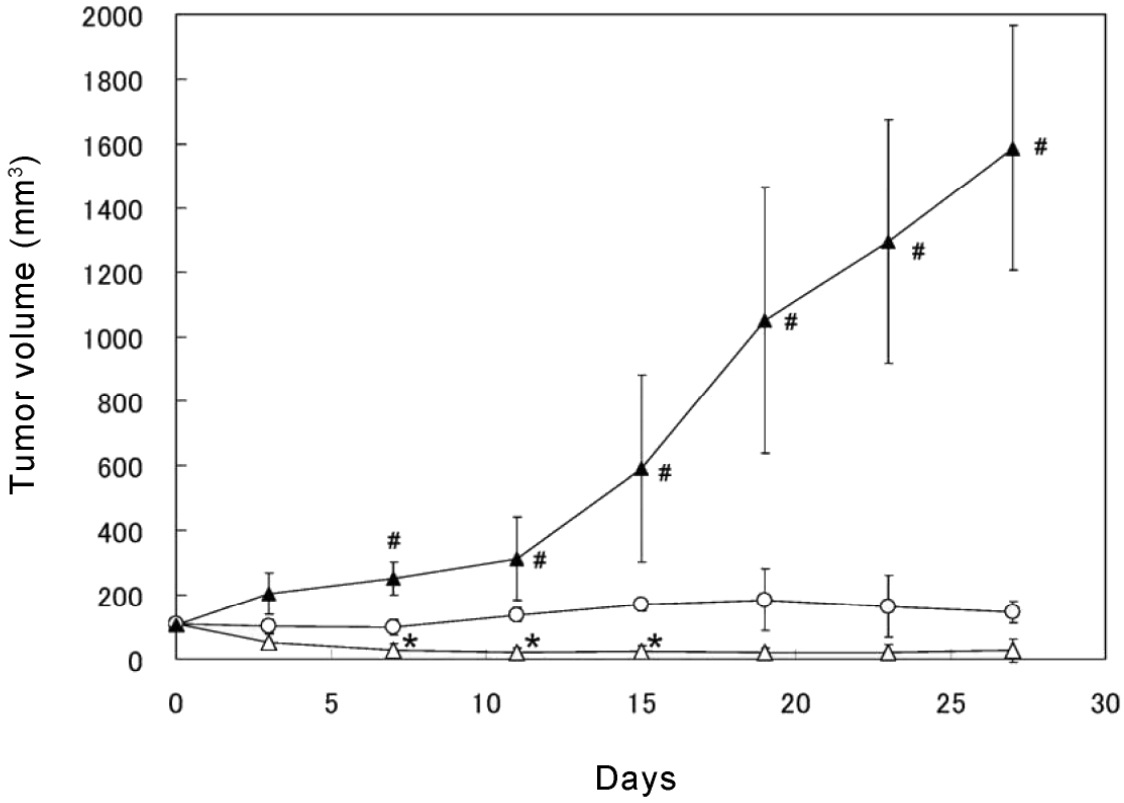

Tumor volume (mm3)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
Days
#
*

Fig. 11

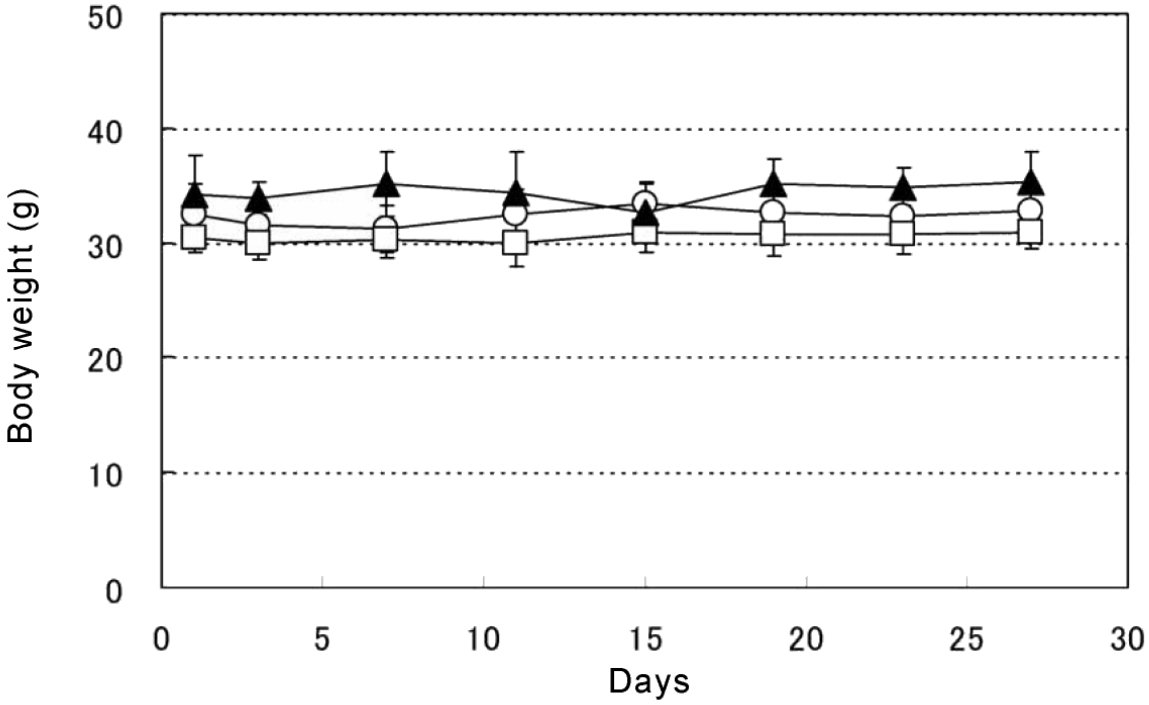

Body weight (g)
50
40
30
20
10
0
0
5
10
15
20
25
30
Days

Fig. 12

