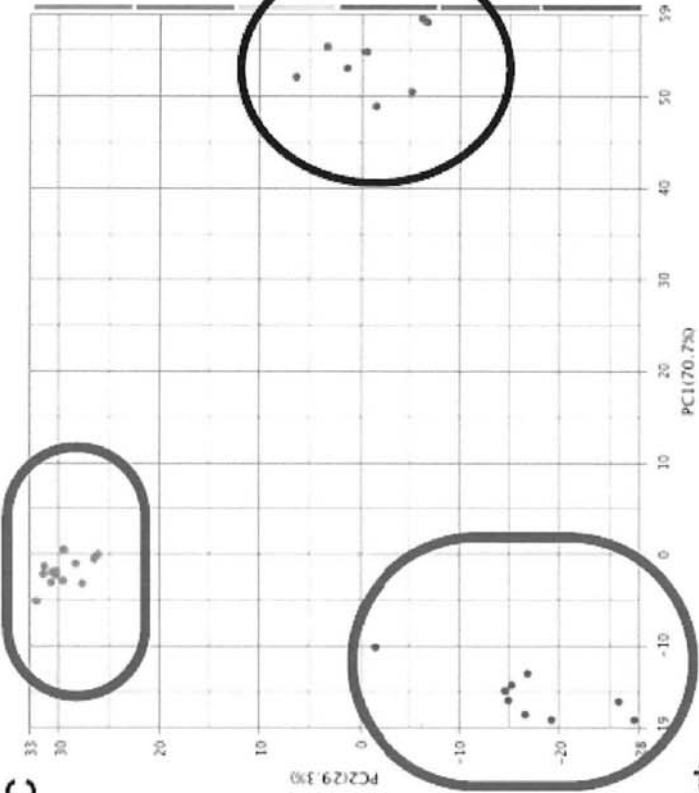


Fig. 1-1

principal component analysis

(3) cell line cultured from tumor

super Panc-1 CSC



(1) non-cancer stem cell
Panc-1 dZsG-/CD44v9-

(2) cancer stem cell
Panc-1 dZsG+/CD44v9high

Fig. 1-2

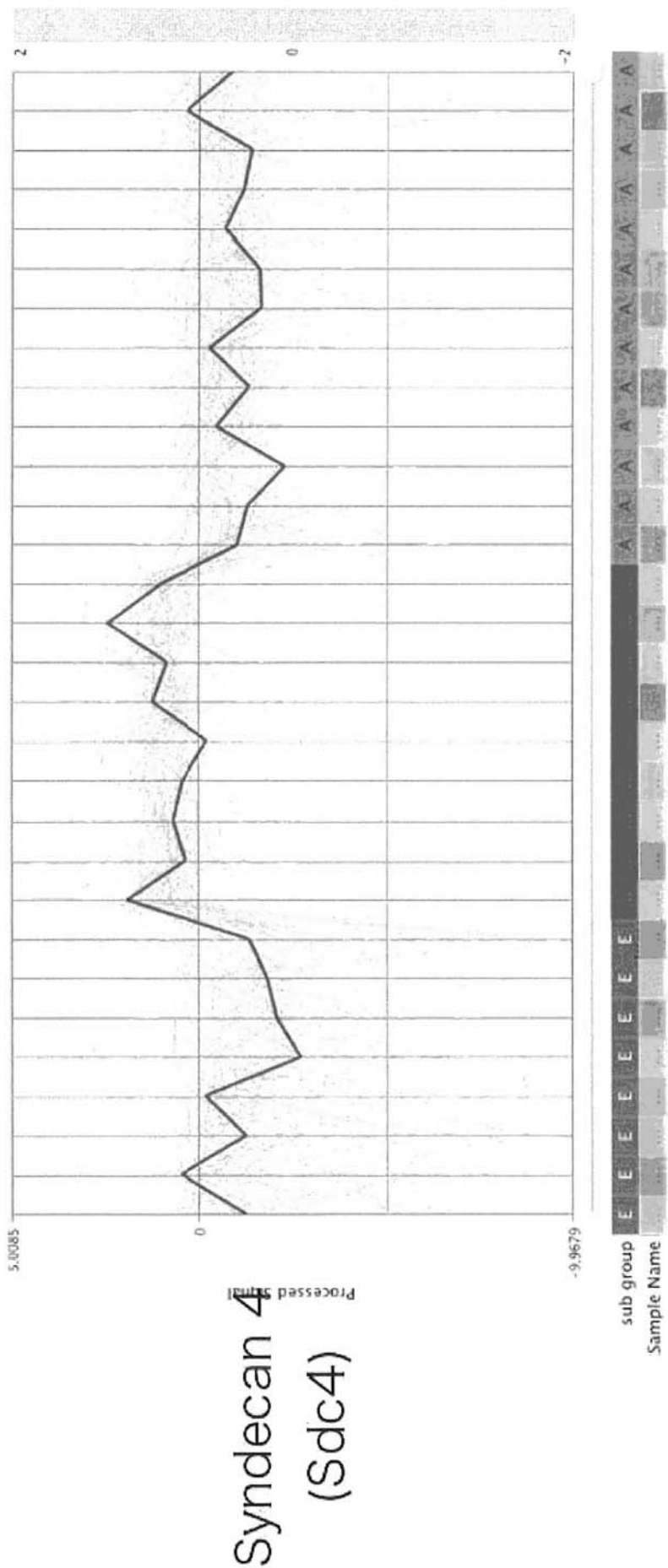


Fig. 2-1

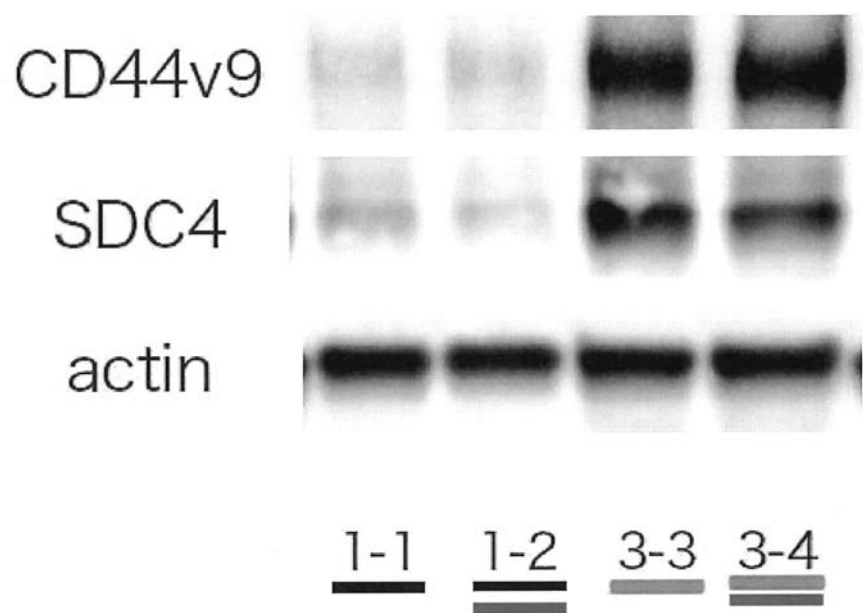


Fig. 2-2

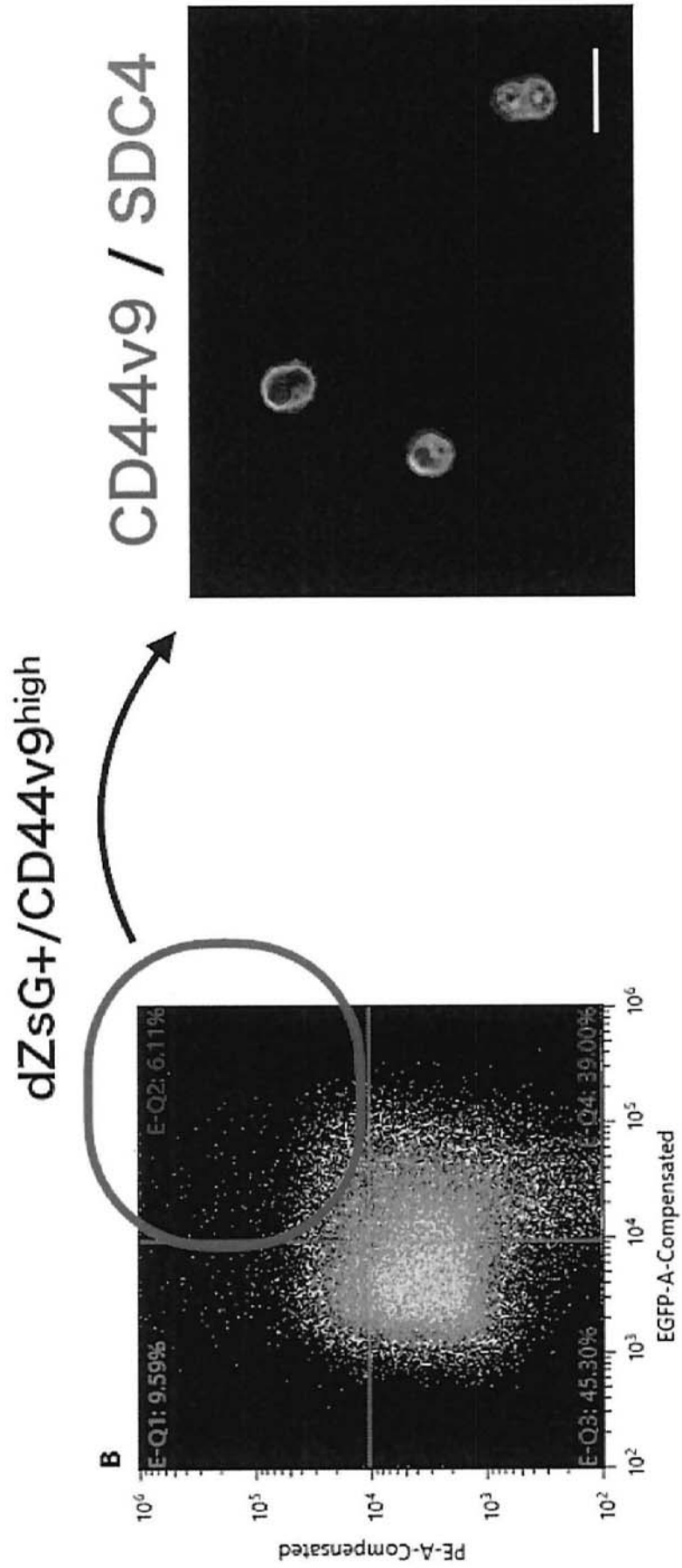


Fig. 3-1

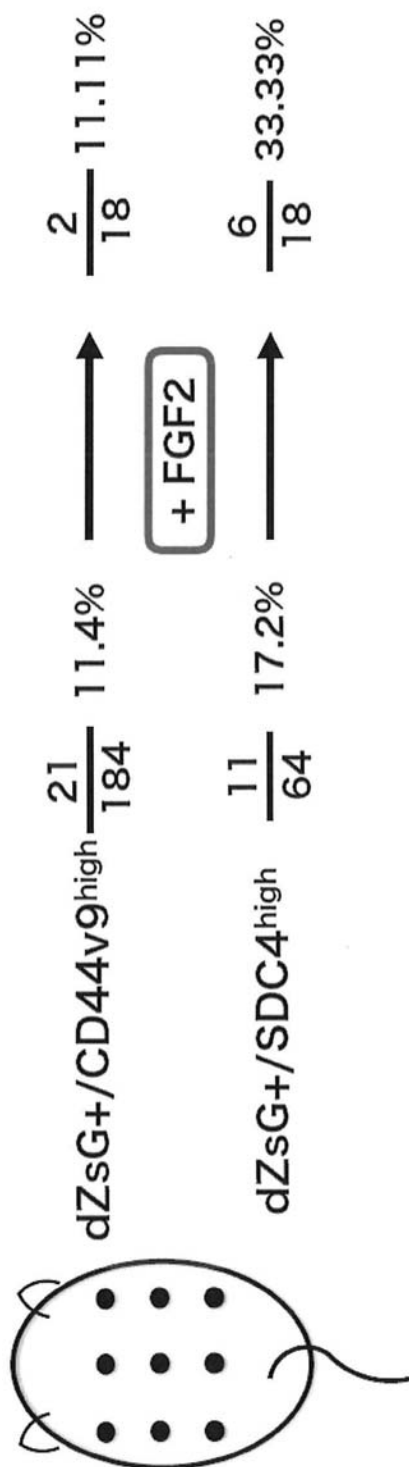


Fig. 3-2

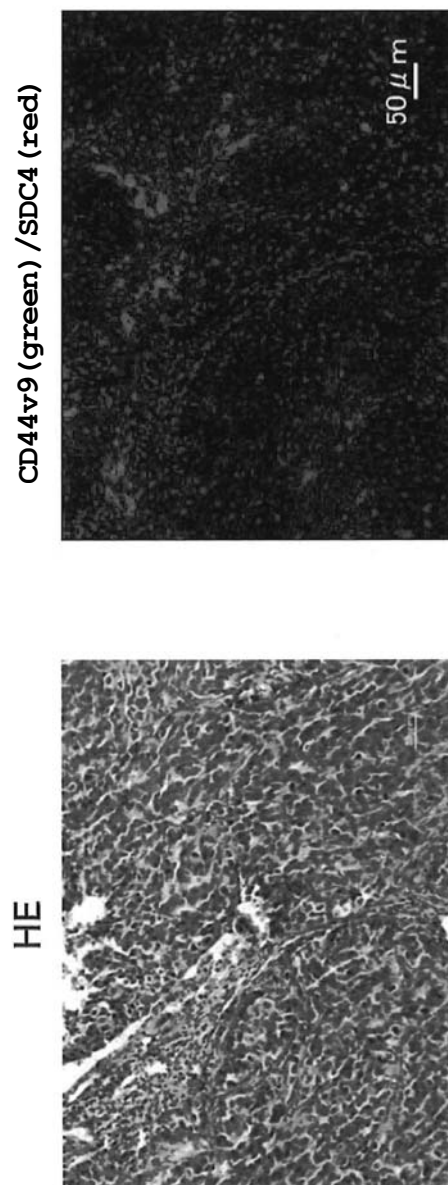


Fig. 4-1

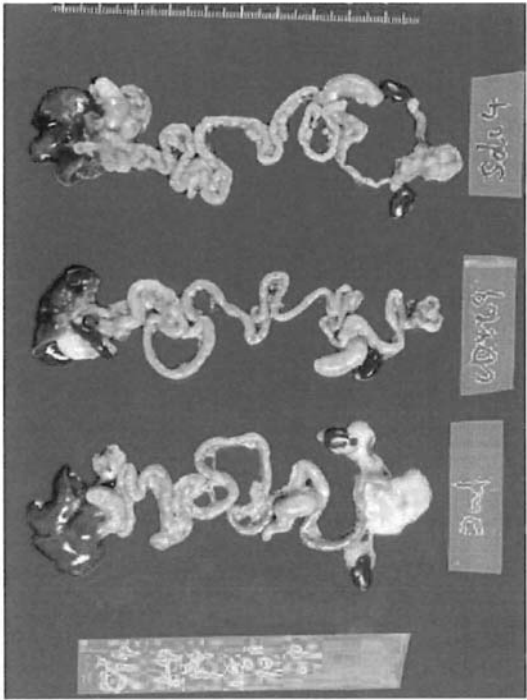


Fig. 4-2

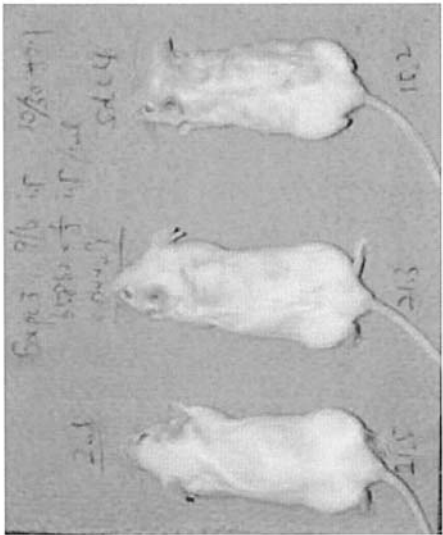
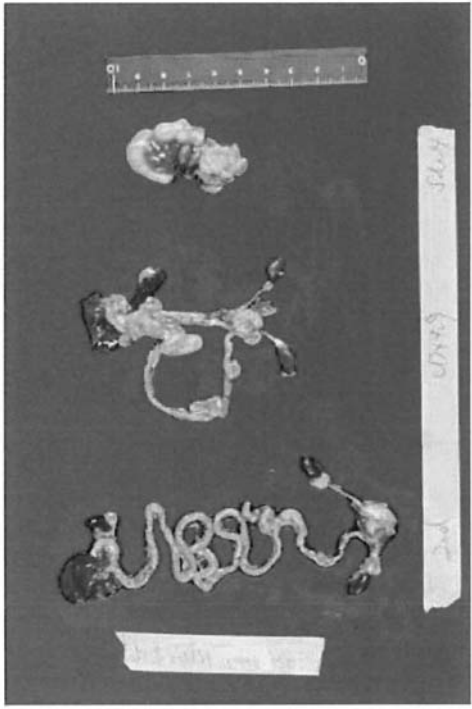
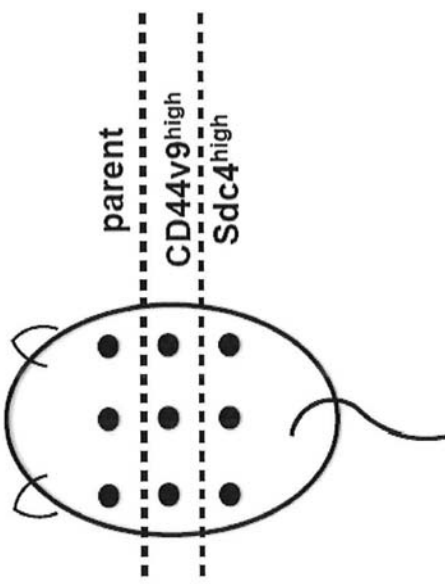
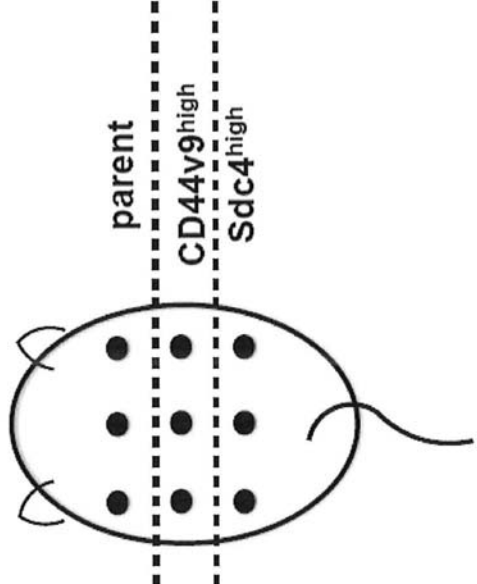


Fig. 5-1



	1st	2nd	total
① Panc-1	1/3	2/6	3/9
② Panc-1 CD44v9 high	1/3	4/6	5/9
③ Panc-1 Sdc4 high	3/3	5/6	8/9

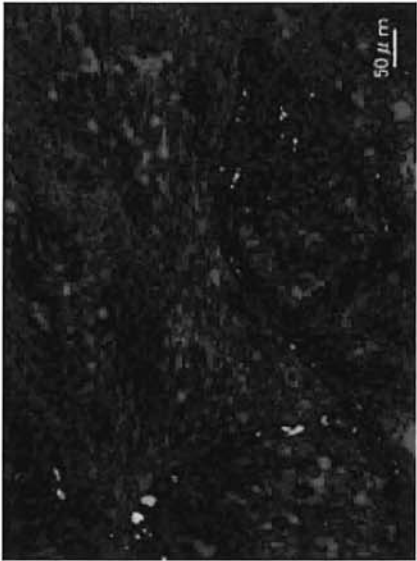
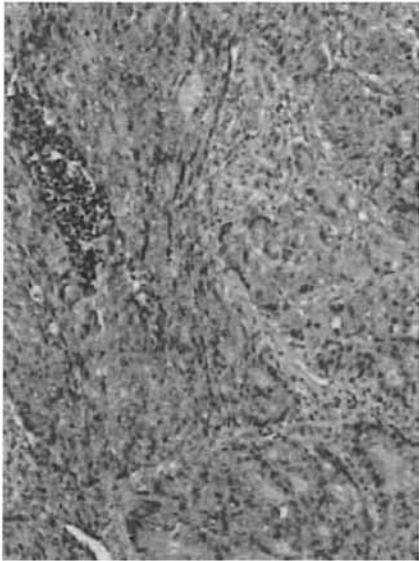
Fig. 5-2



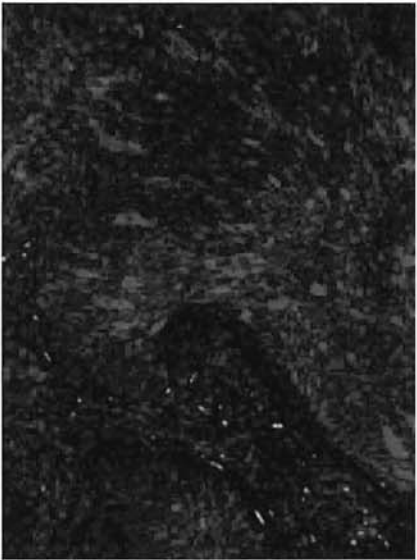
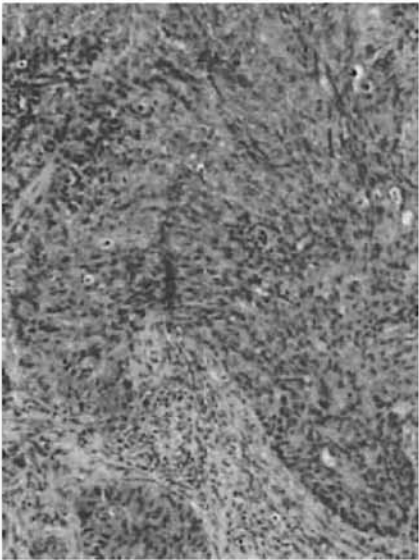
Bxpc3	0/6
Bxpc3 CD44v9 high high	2/6
Bxpc3 Sdc4 high	3/6

Fig. 6-1

#9



#10



#14

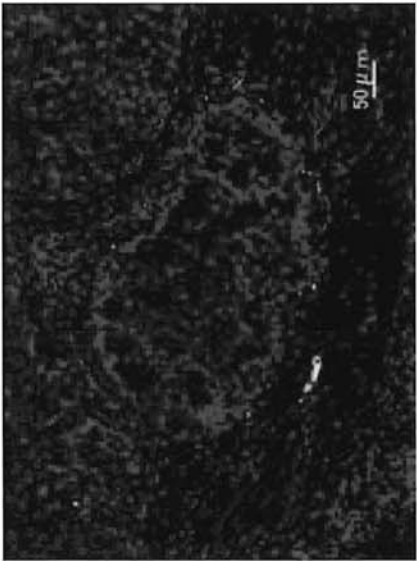
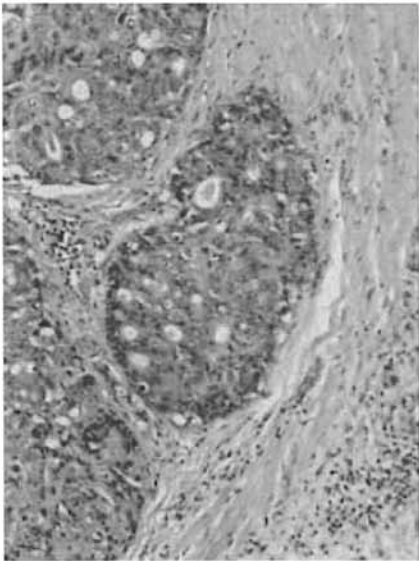
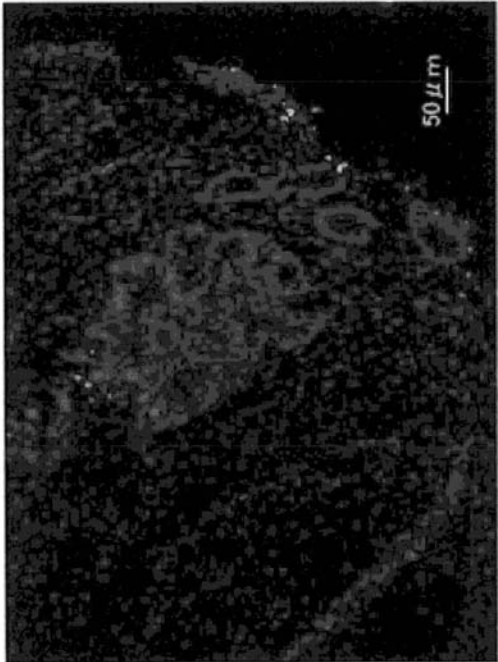
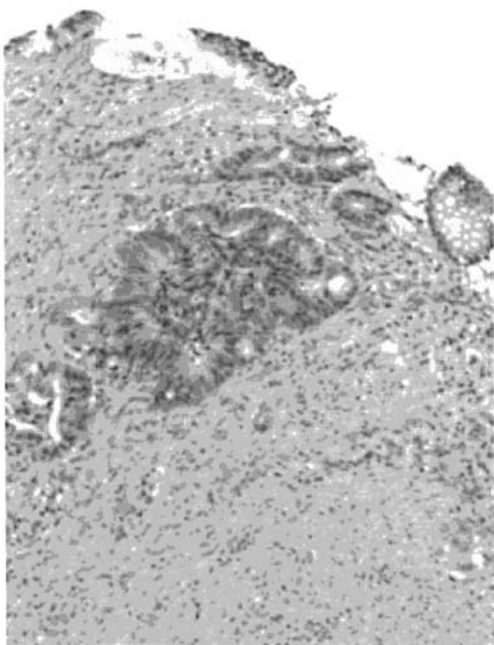


Fig. 6-2

#9



#14

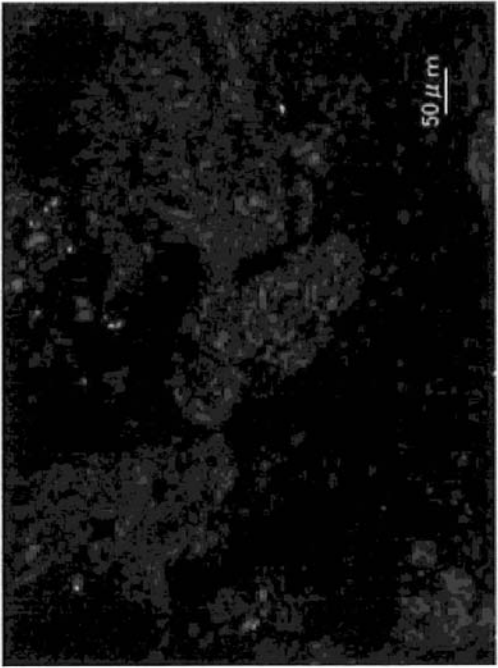
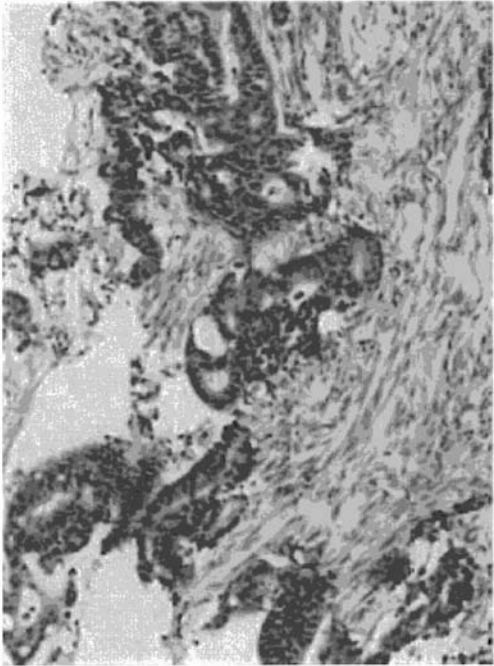
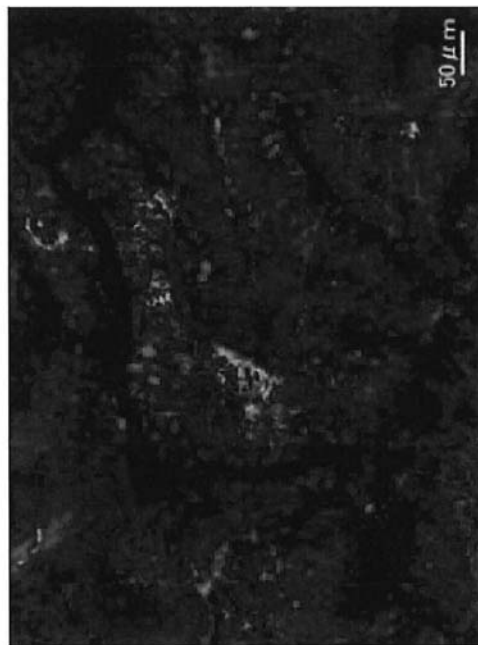
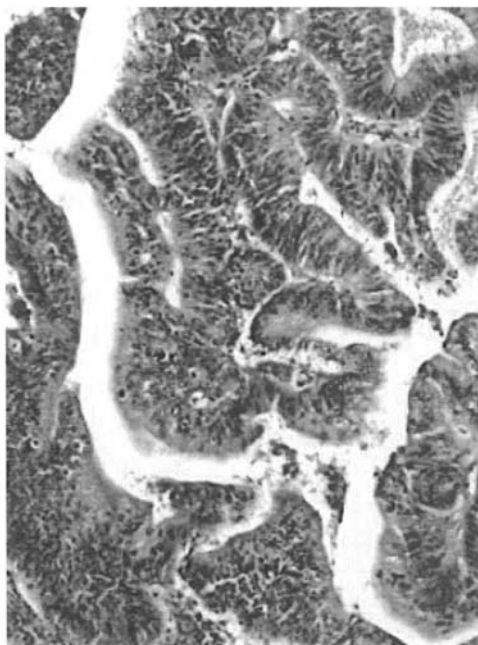


Fig. 6-3

#6



#7

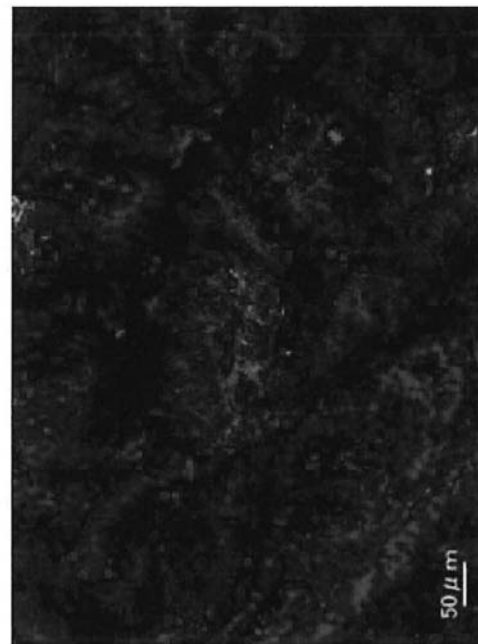
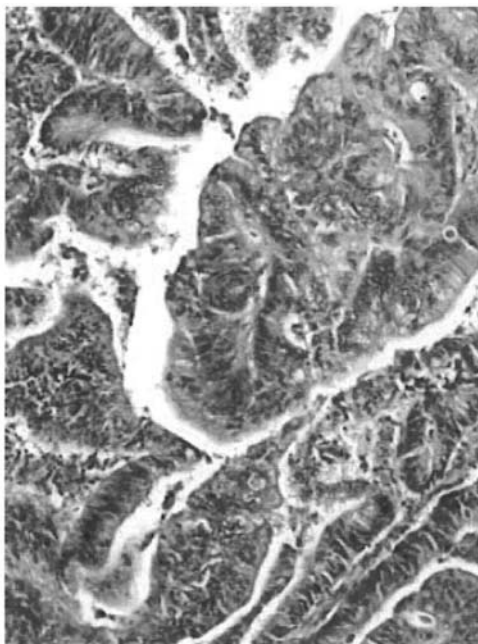
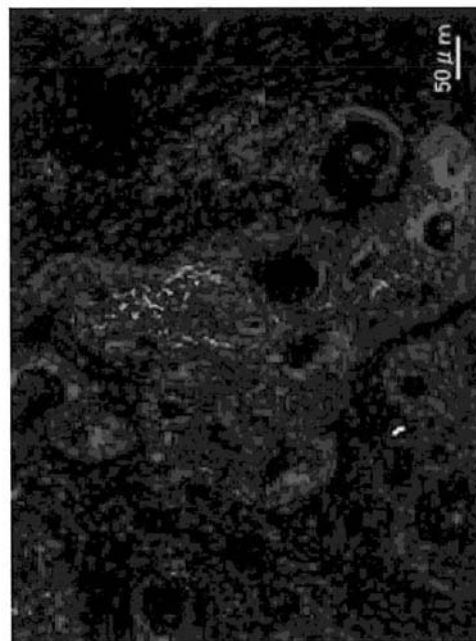
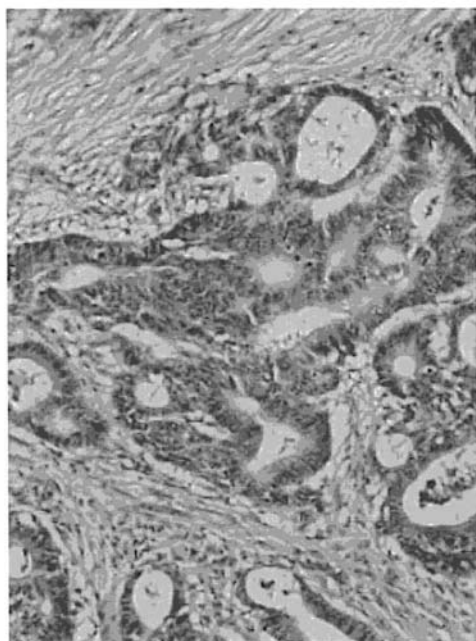


Fig. 6-4

#9



#10

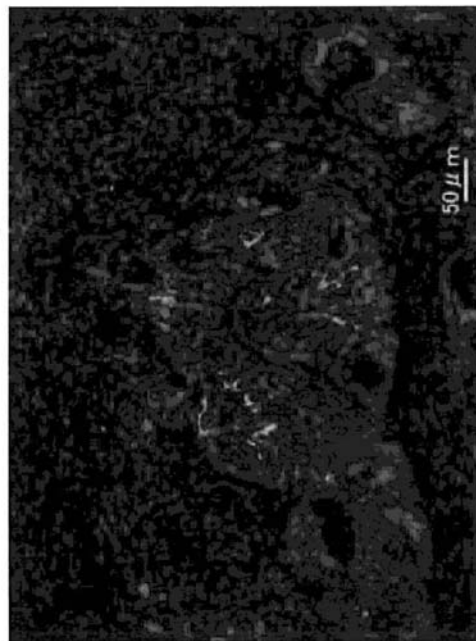
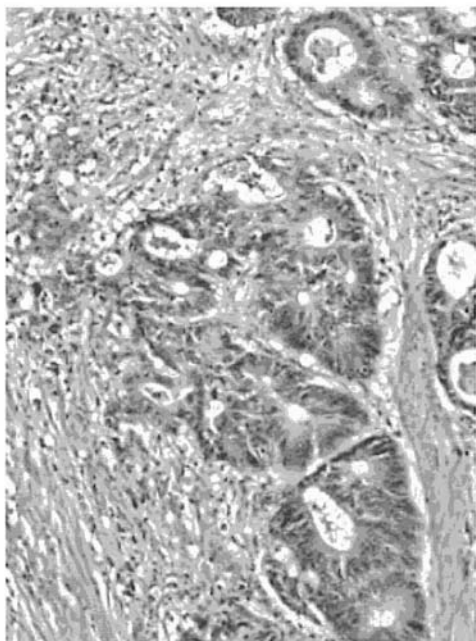
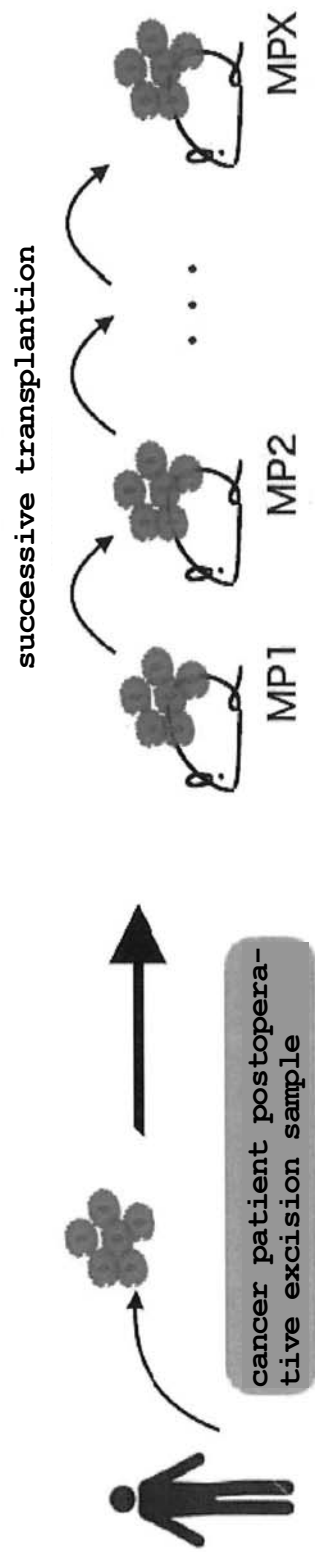


Fig. 7-1



No.2 MP5

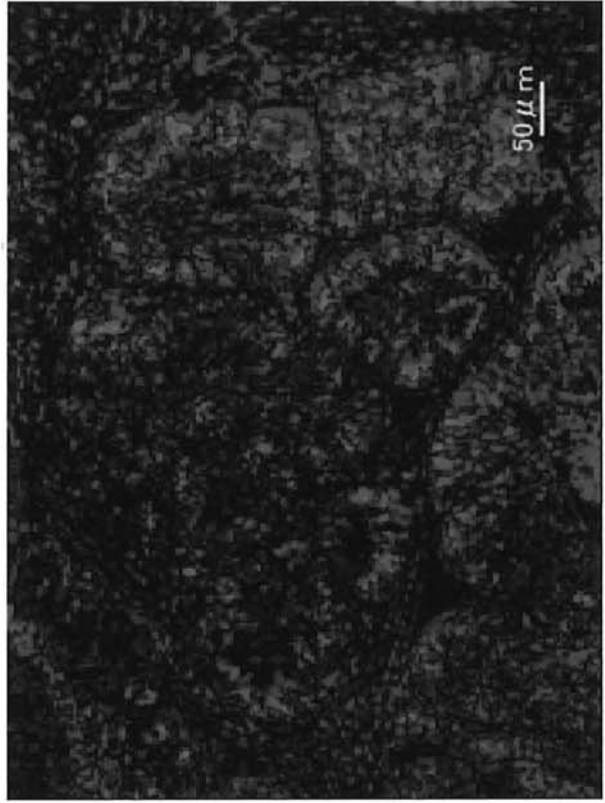
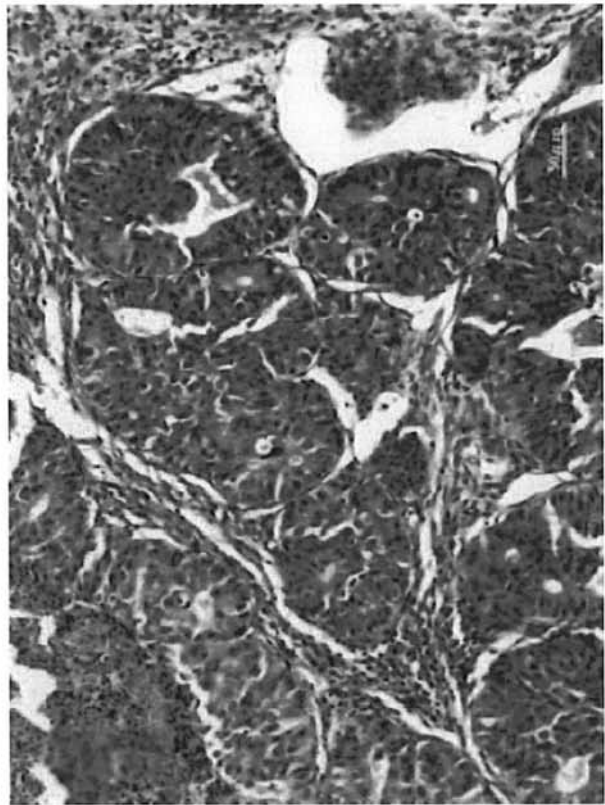


Fig. 7-2

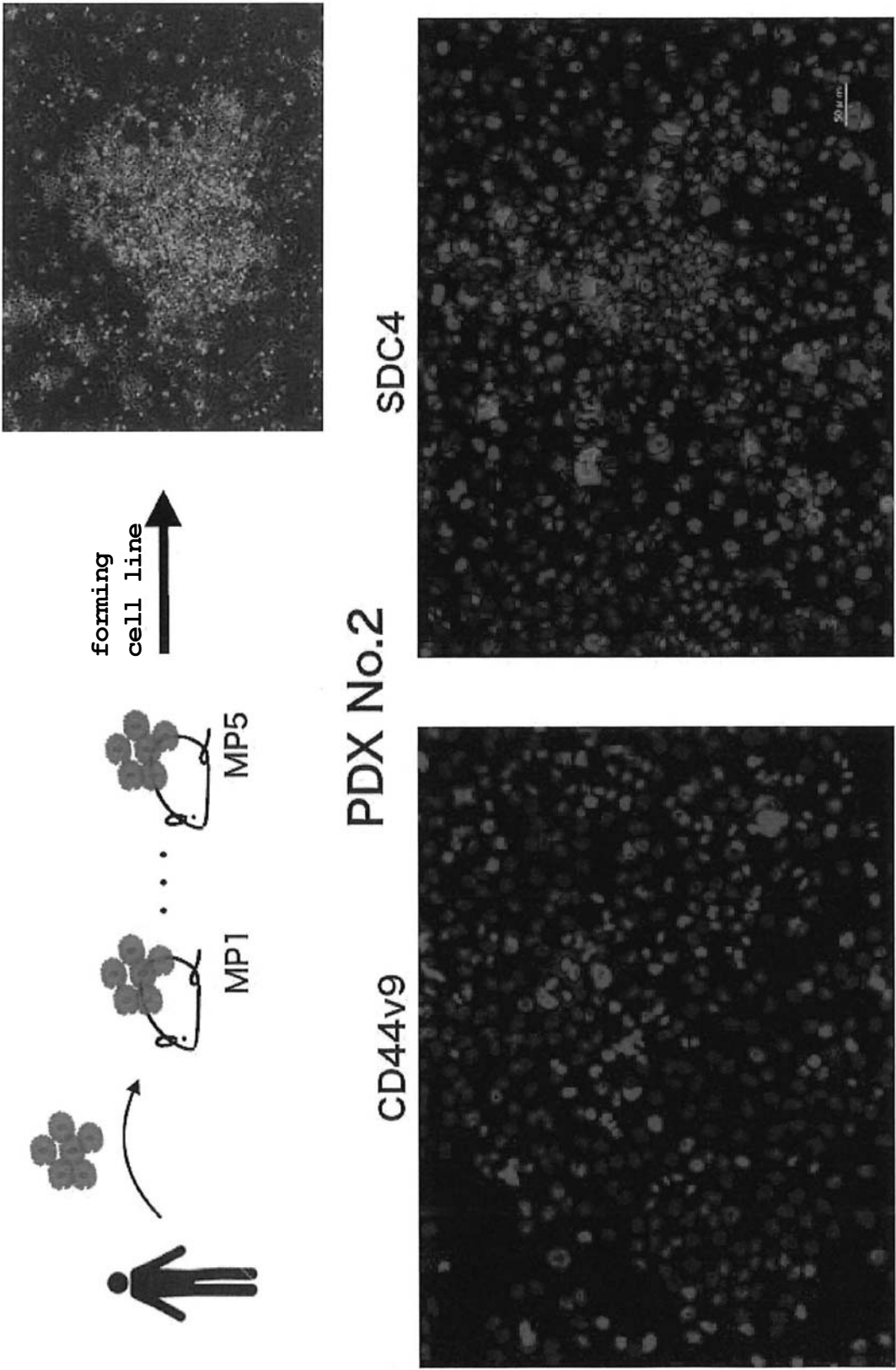
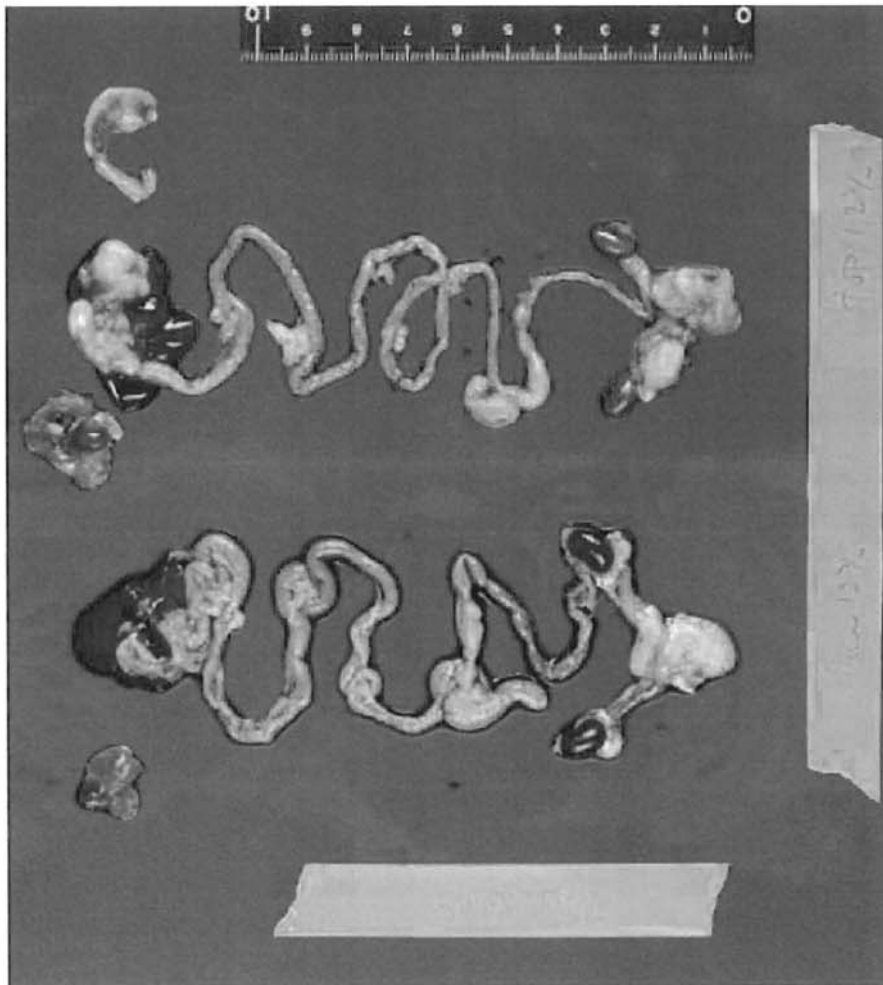


Fig. 8-1



staining of PDX No.2
top 1.2% i.p. administered mouse for SDC4



Fig. 8-2

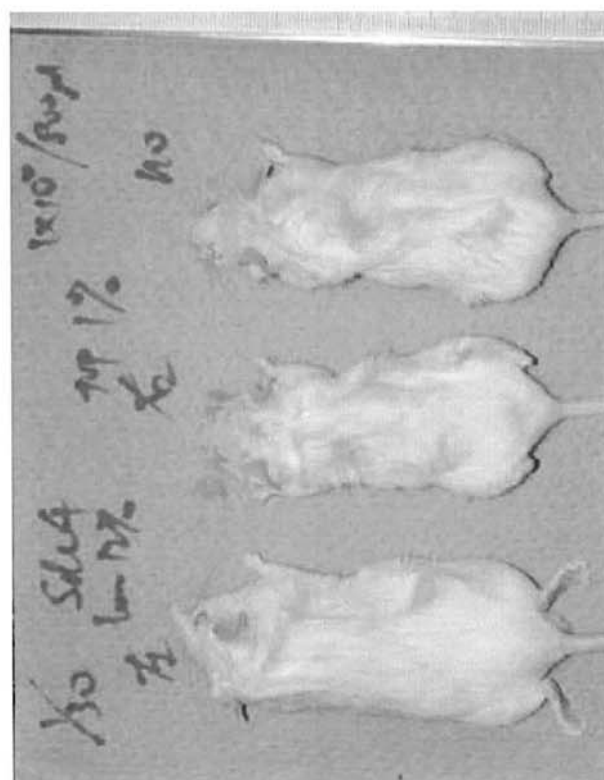


Fig. 8-3

SDC4-positive top 2% secondary antibody alone

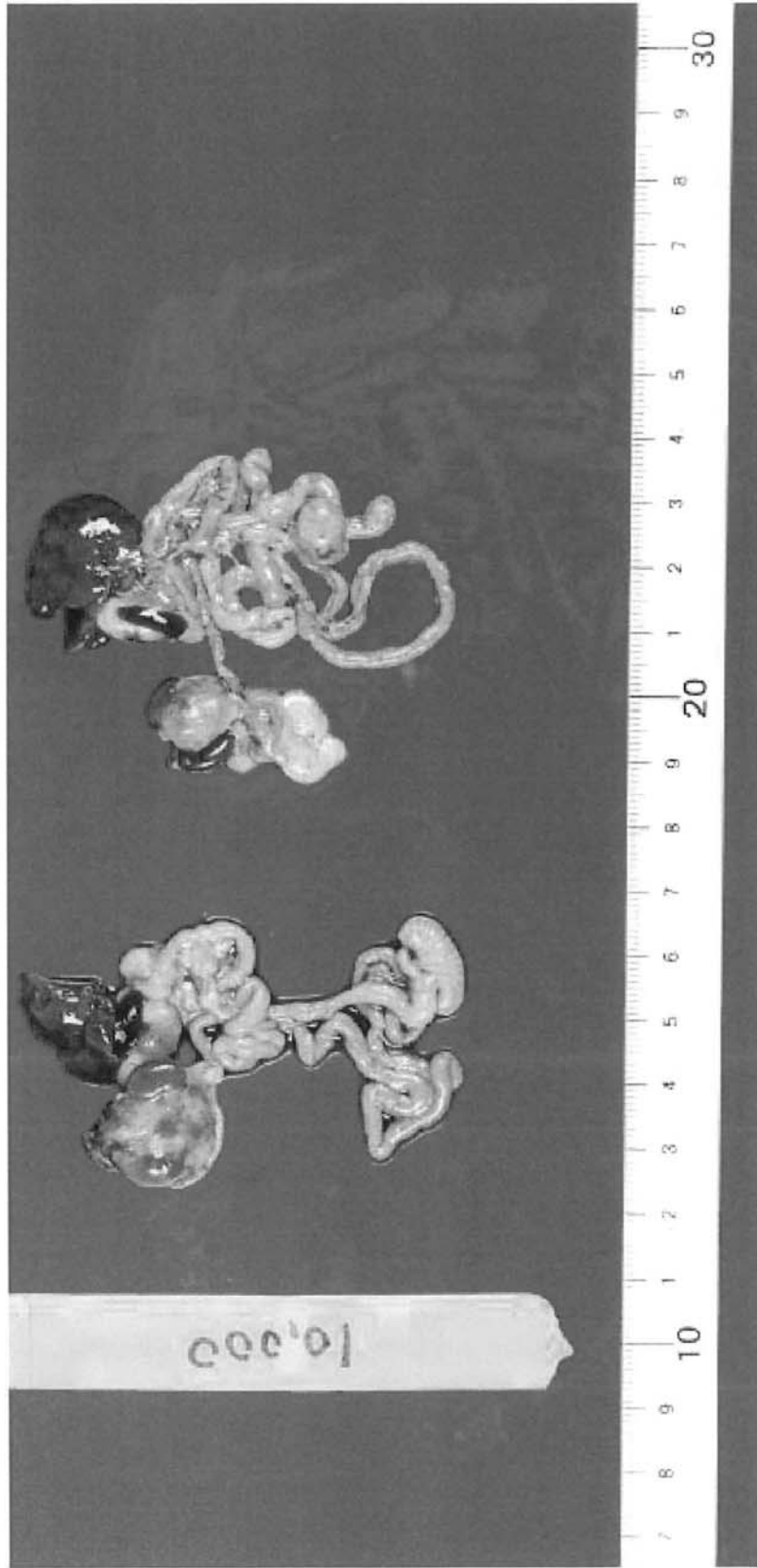


Fig. 9-1

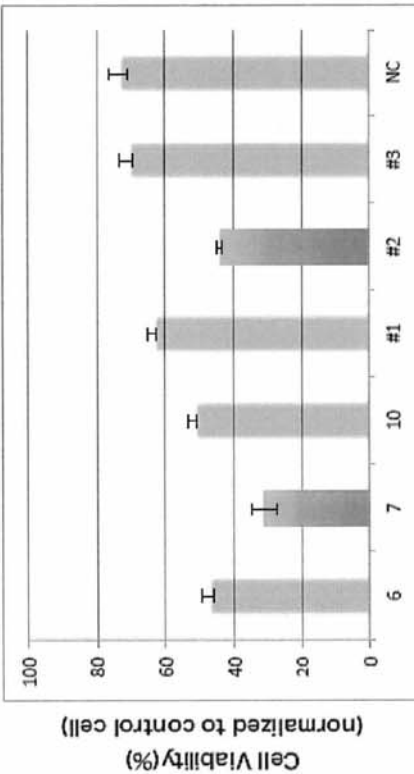
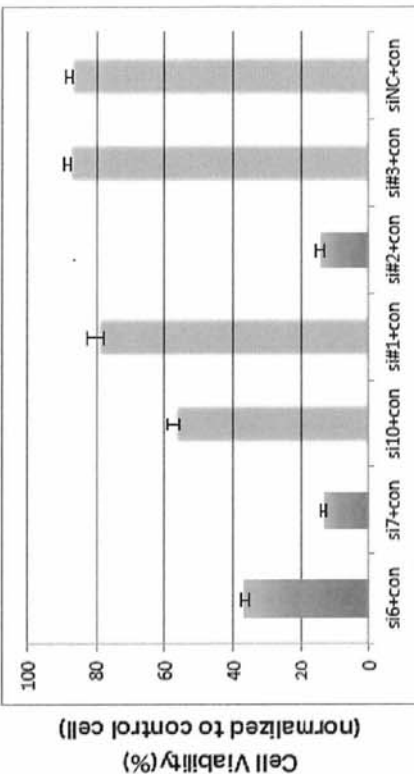
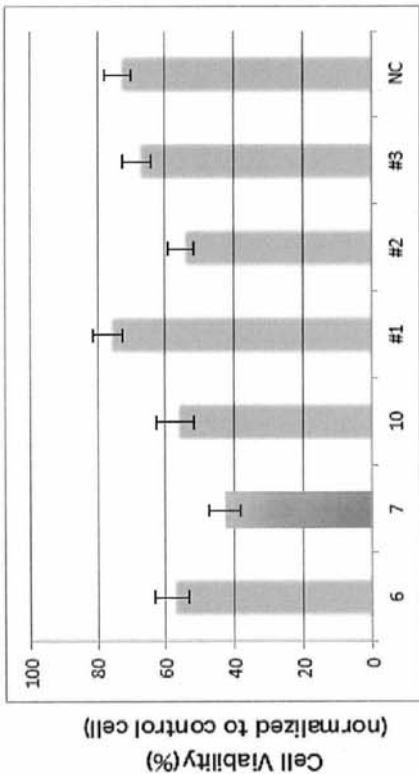
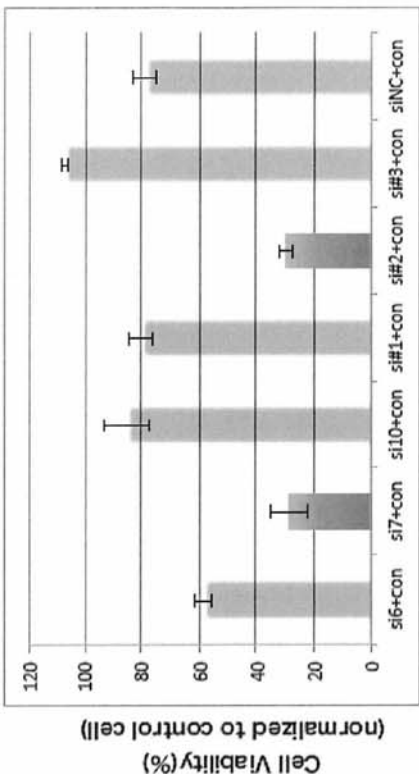
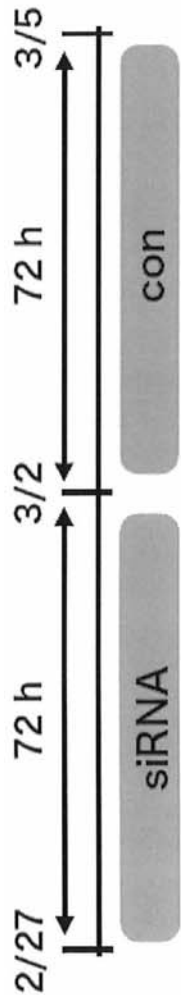
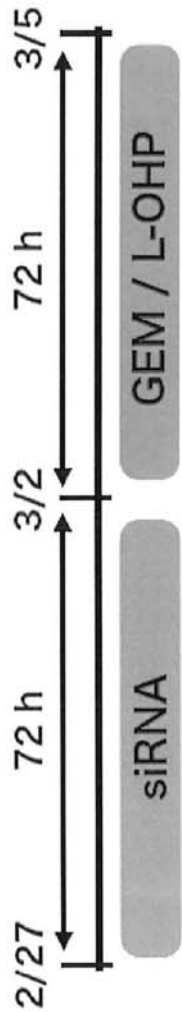
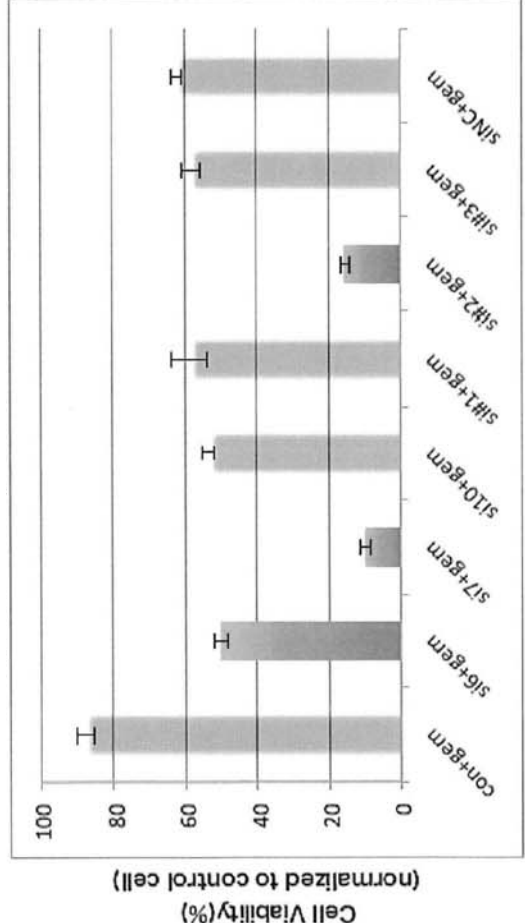


Fig. 9-2



pancreatic cancer super Panc-1 CSC



colorectal cancer PDX No.2

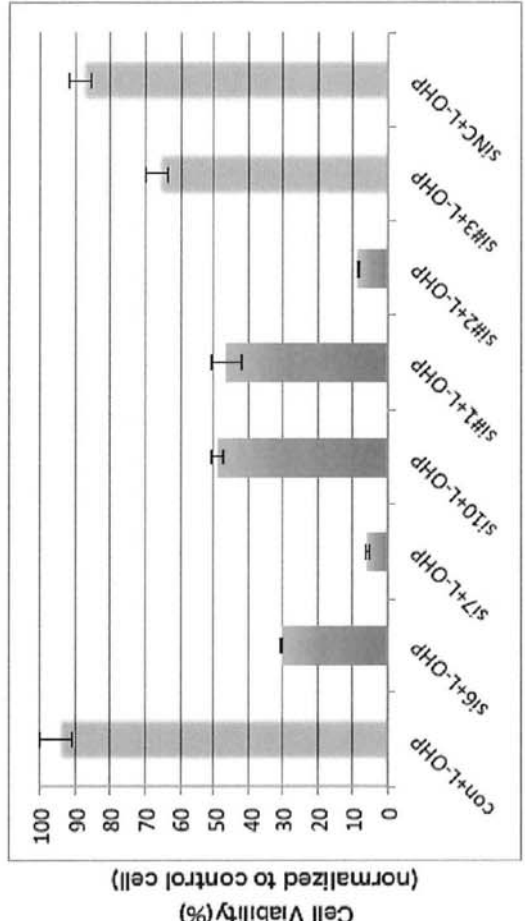
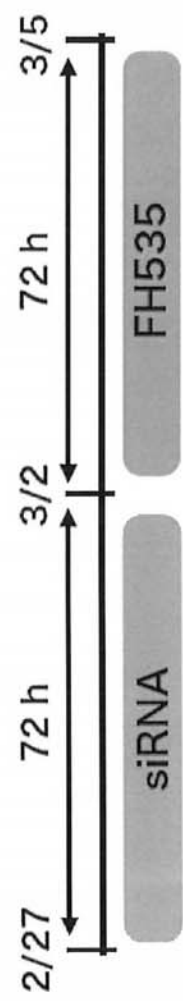
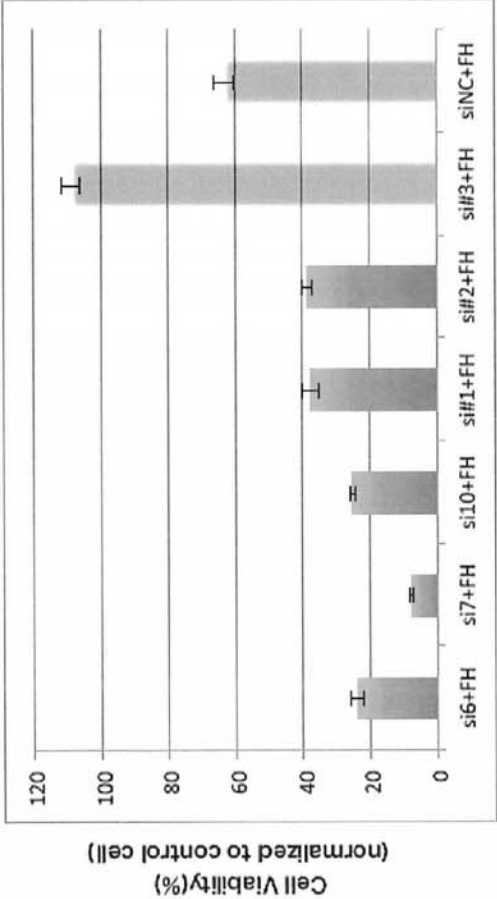


Fig. 9-3



pancreatic cancer super Panc-1 CSC



colorectal cancer PDX No.2

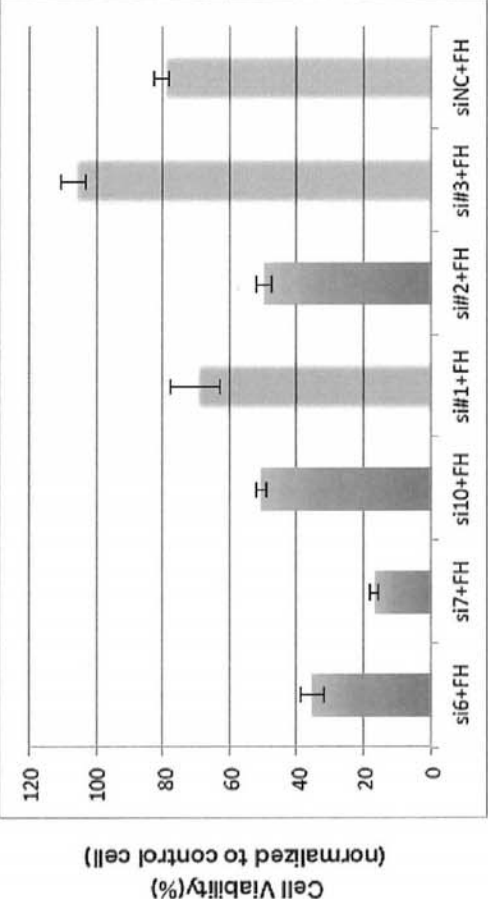


Fig. 9-4

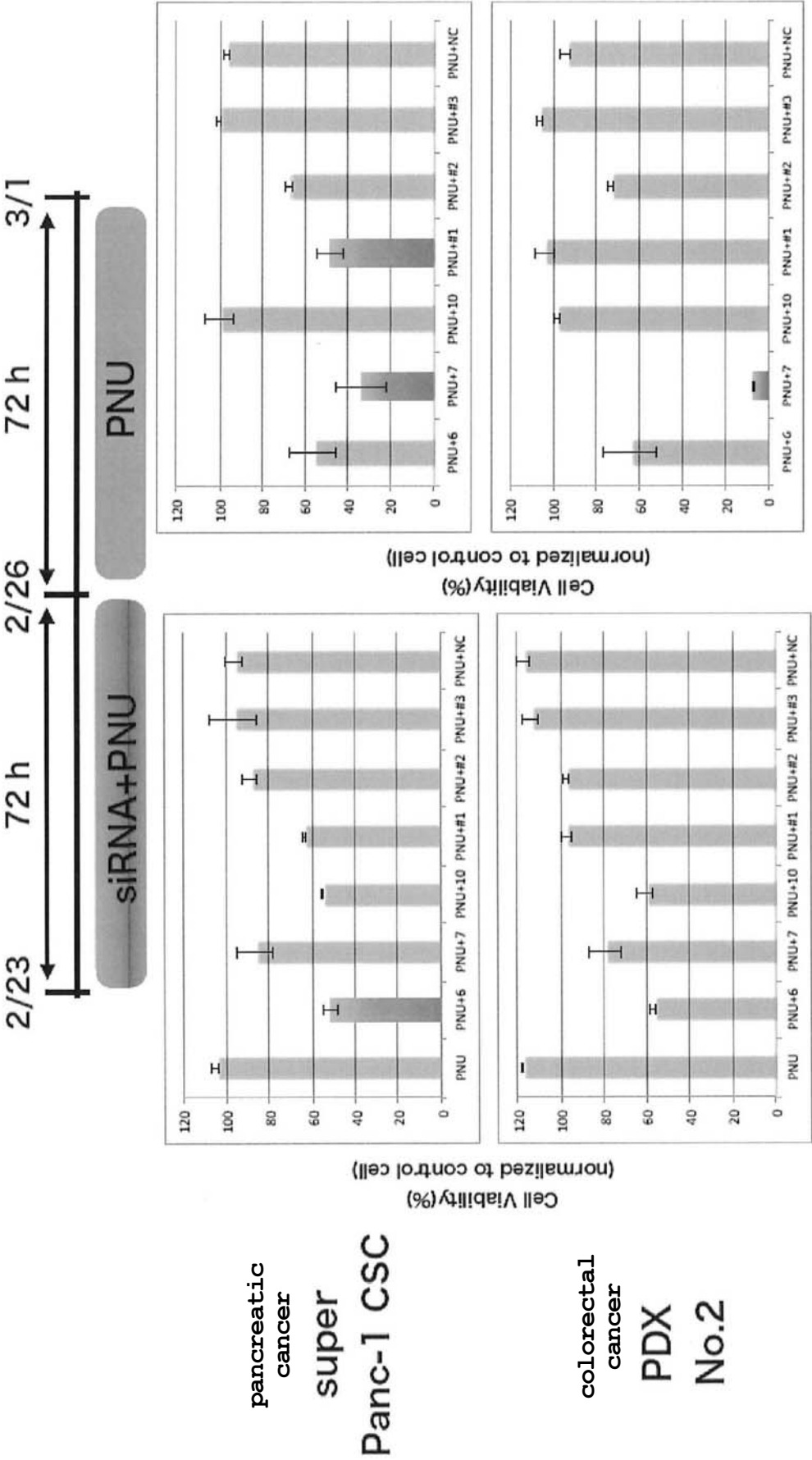
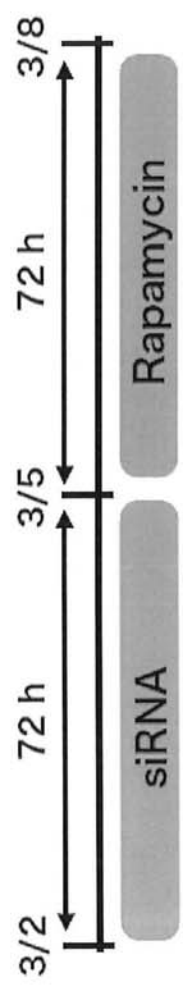
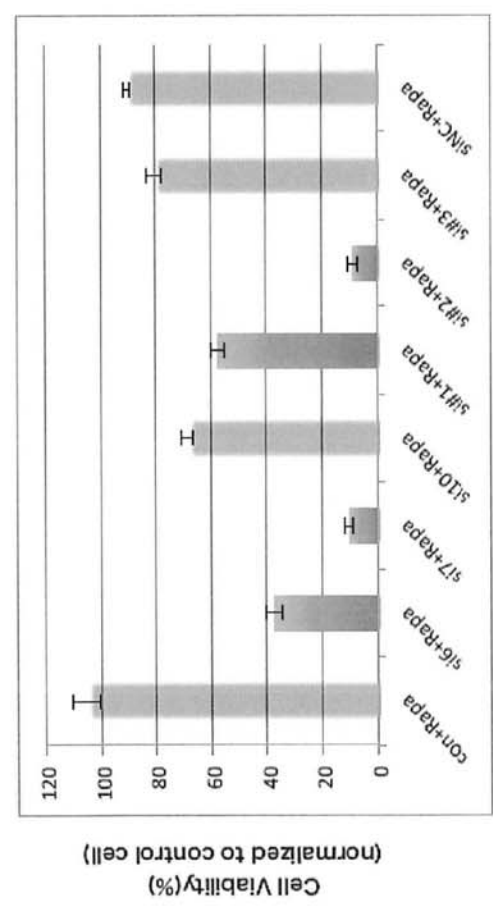


Fig. 9-5



pancreatic cancer super Panc-1 CSC



colorectal cancer PDX No.2

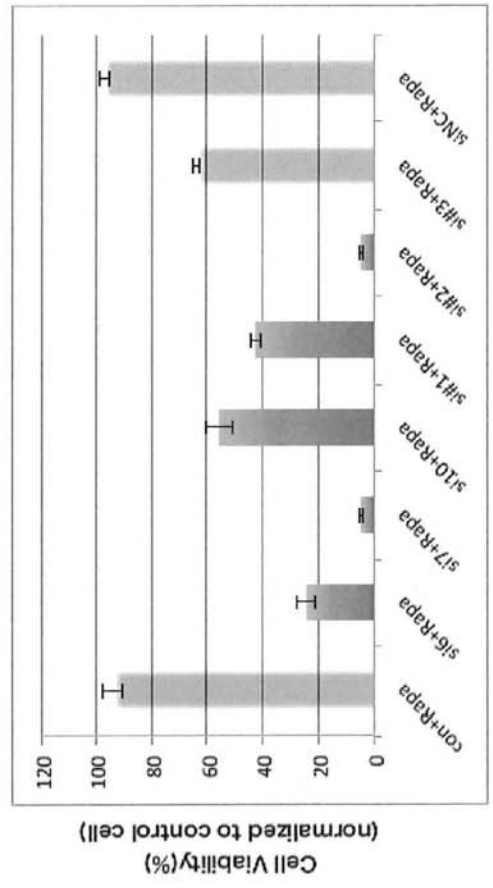


Fig. 9-6

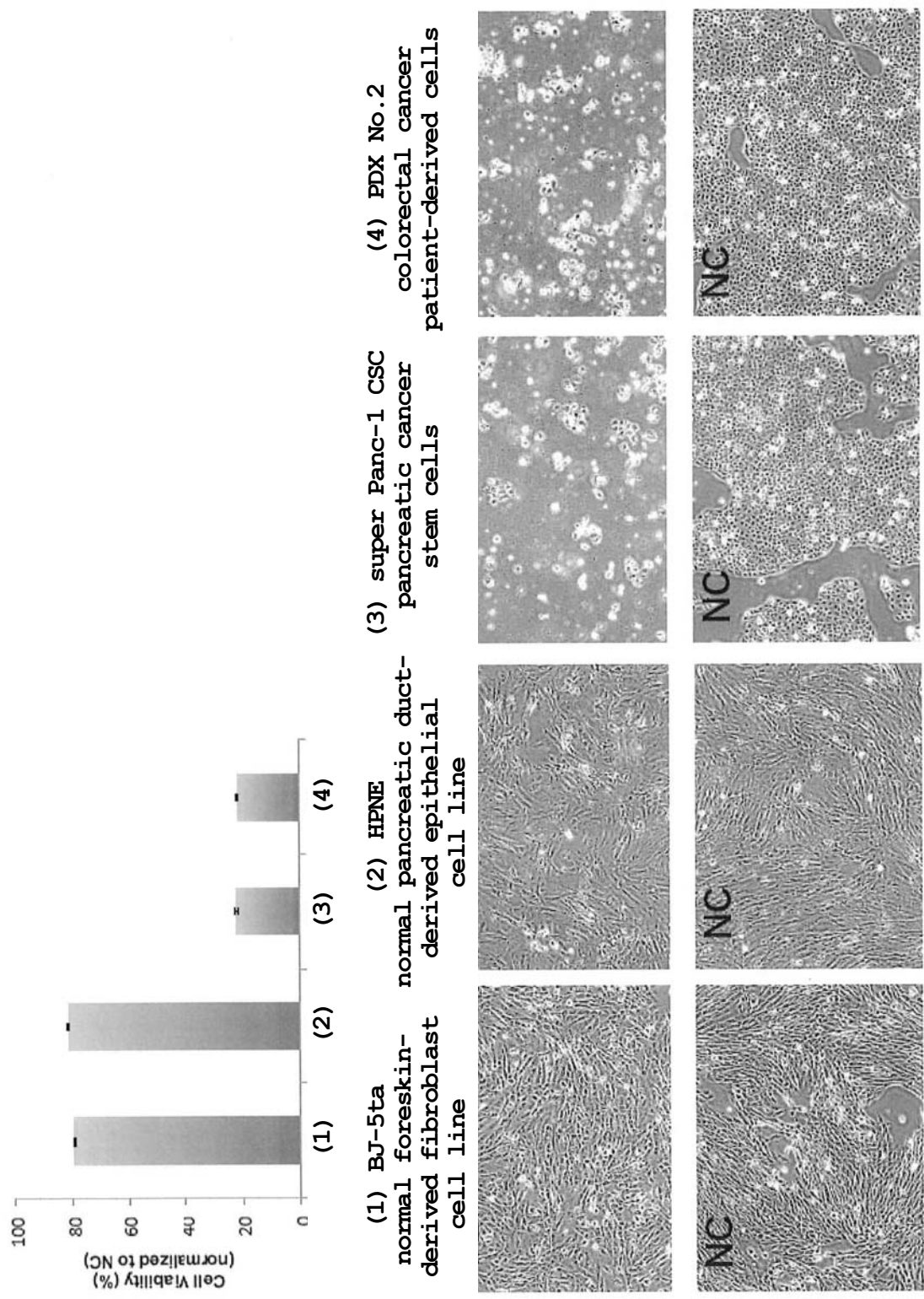


Fig. 9-7

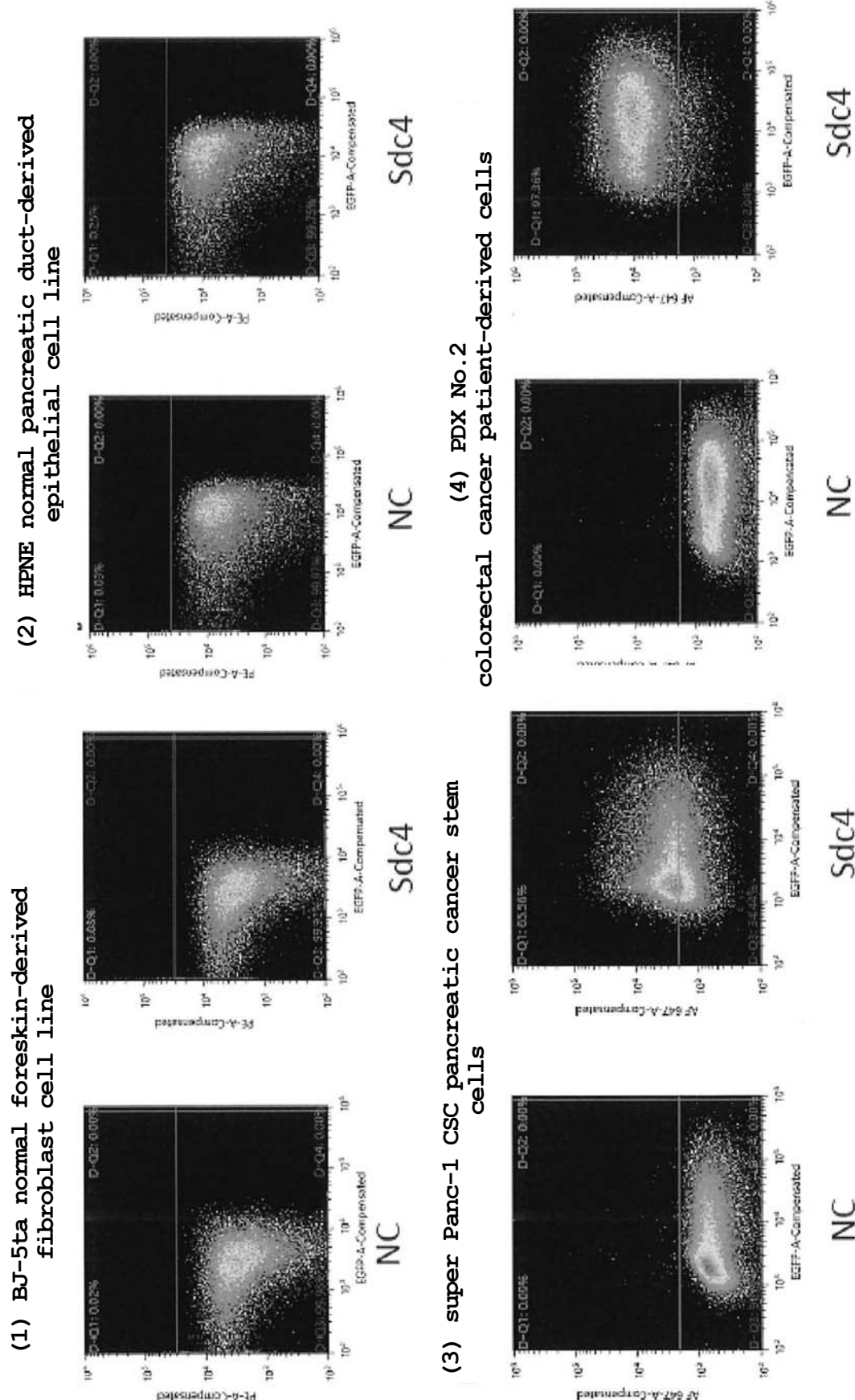


Fig. 9-8

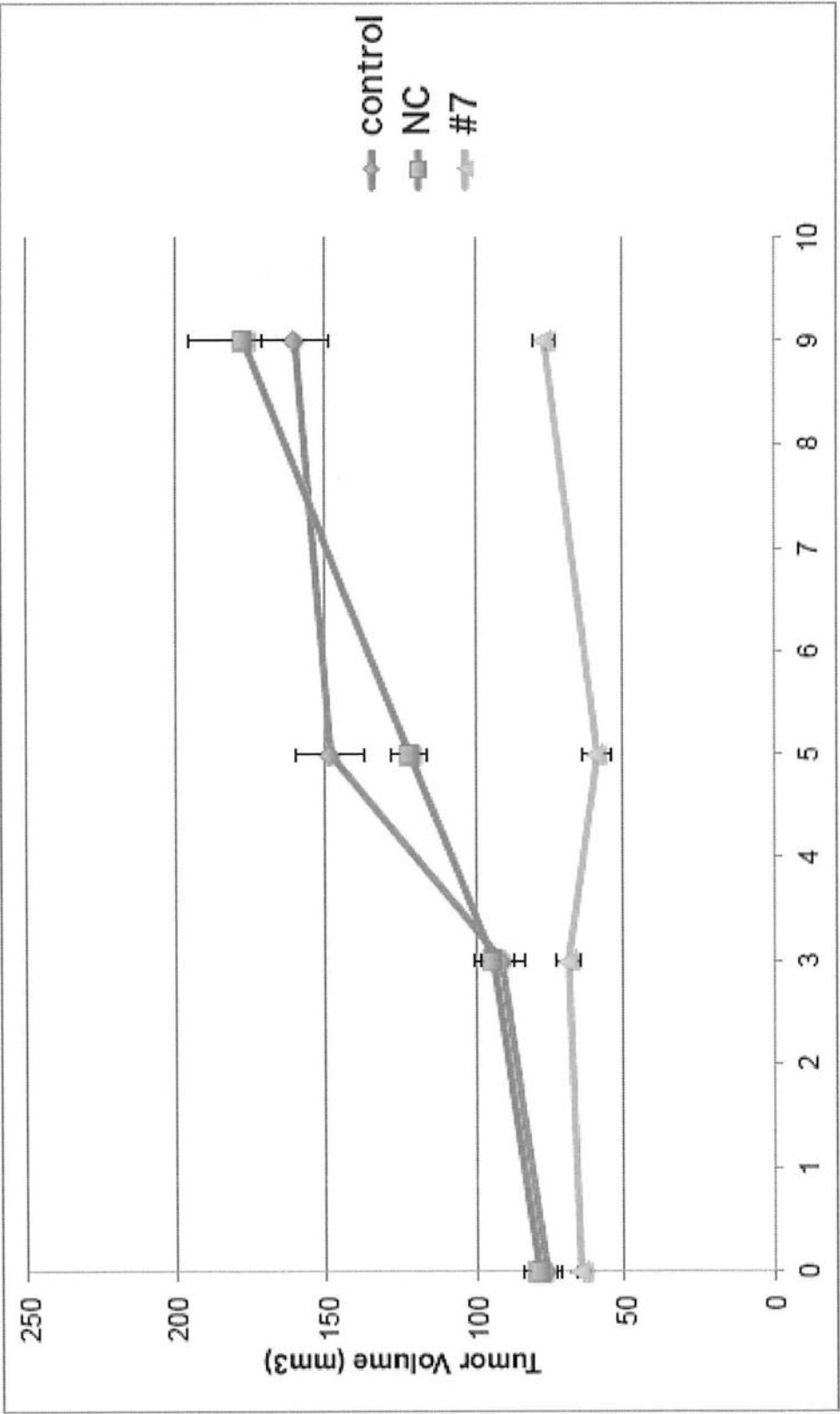


Fig. 10-1

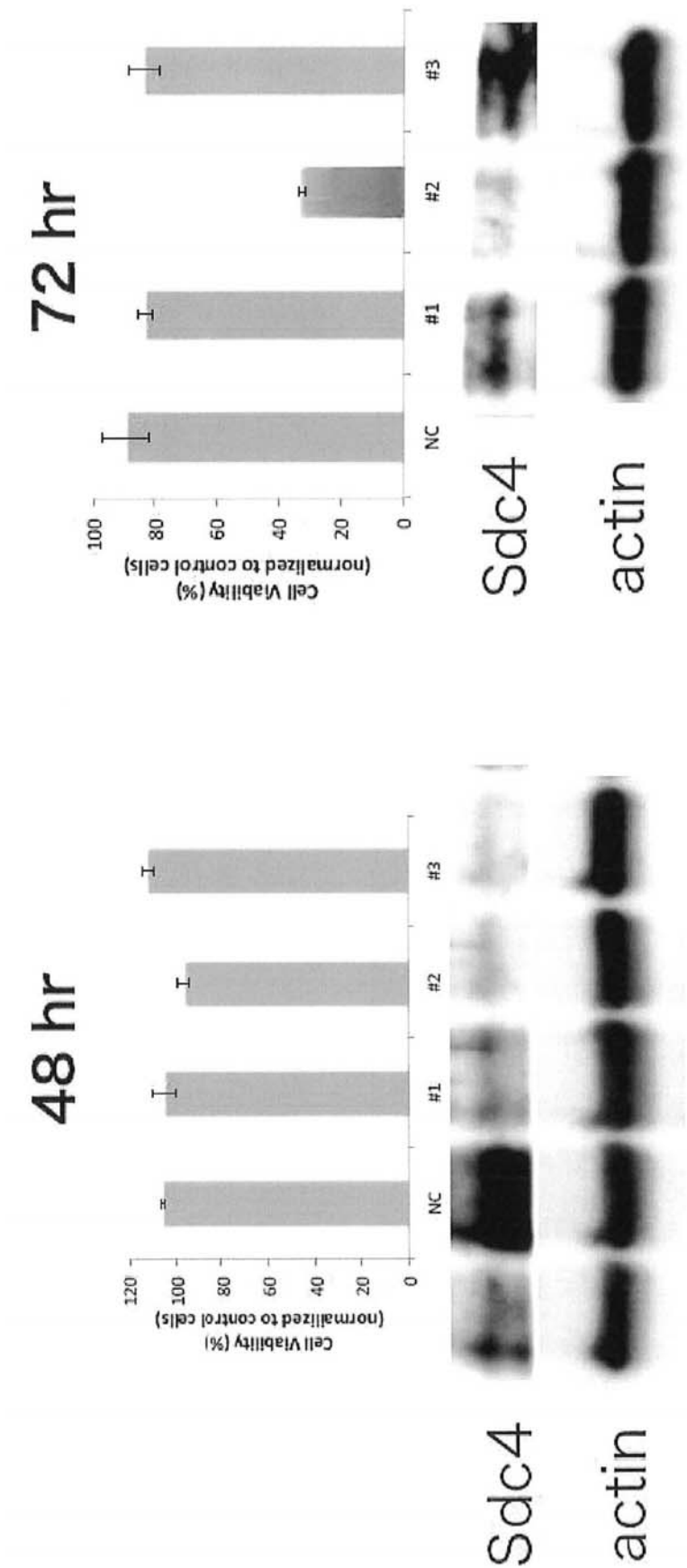
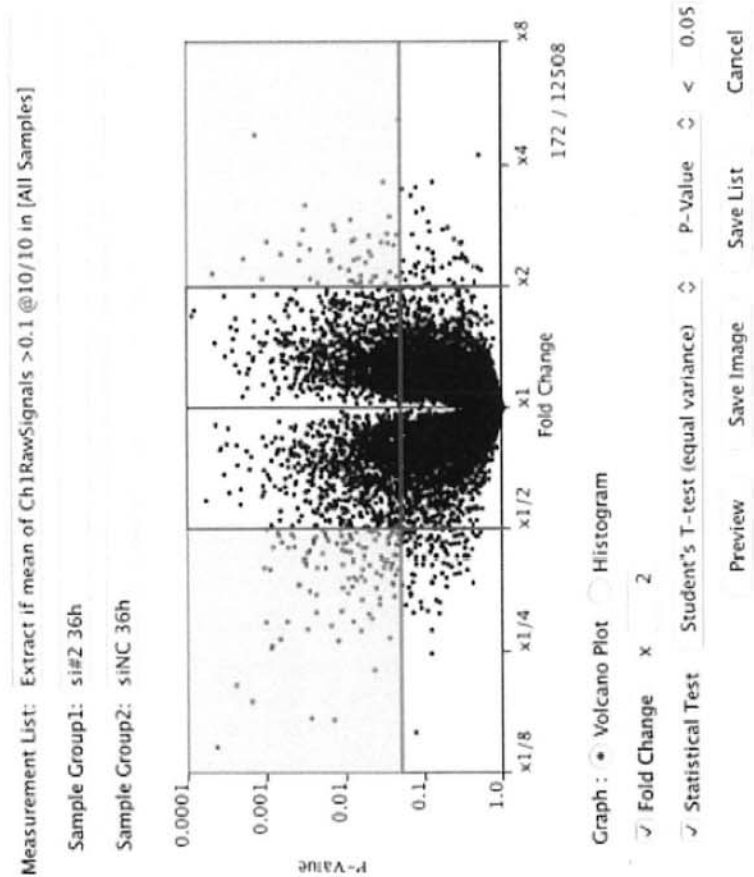


Fig. 10-2



IPA pathway Upstream Analysis

Upstream Regulator	Predicted Activation State	Activation Z-score
mTOR	Inhibited	-2.213
PPARG1A	Inhibited	-2.207
Jnk	Inhibited	-2.197
ERK1/2	Inhibited	-2.194
ERK	Inhibited	-2.153
Creb	Inhibited	-2.000

Fig. 10-3

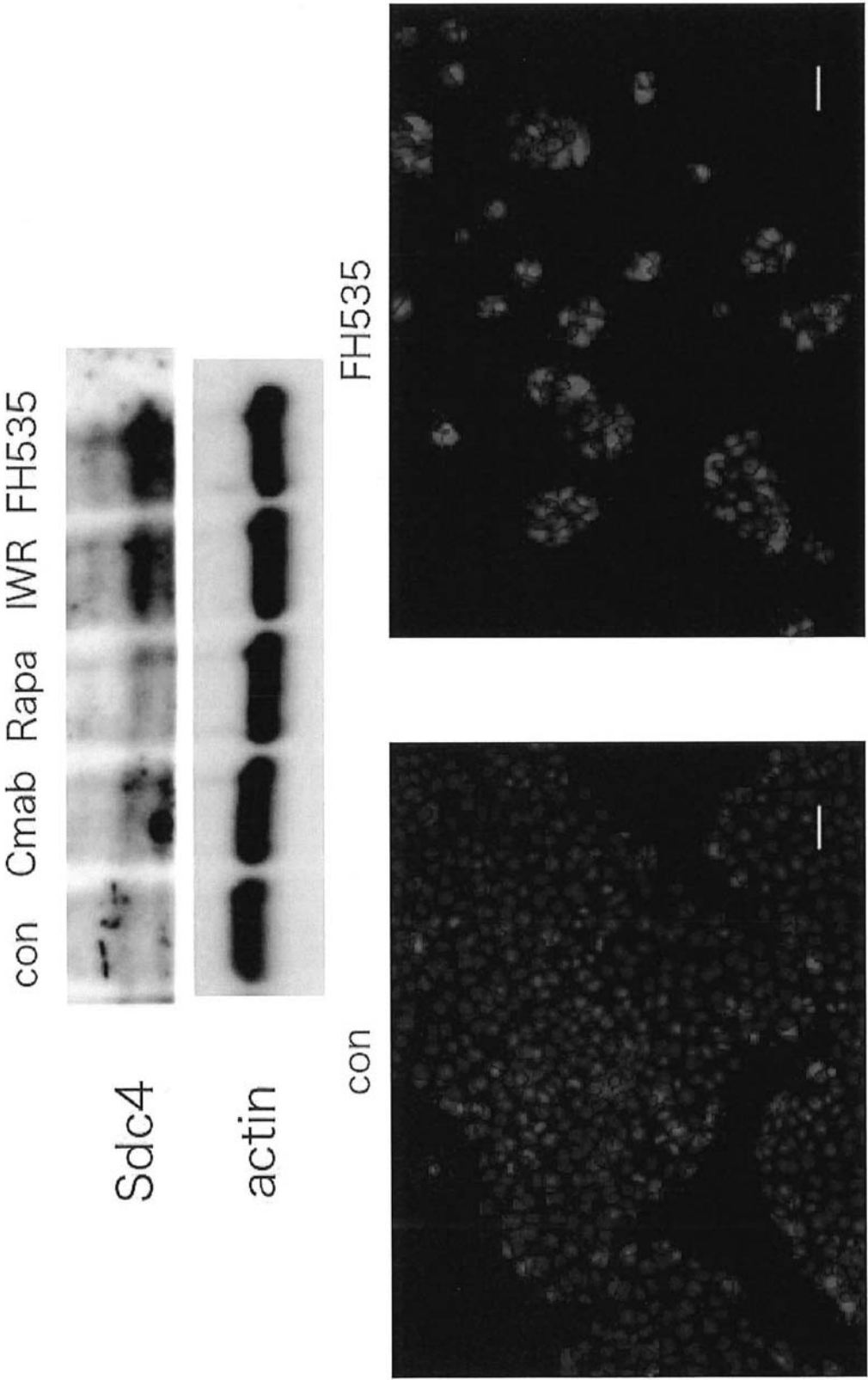


Fig. 11

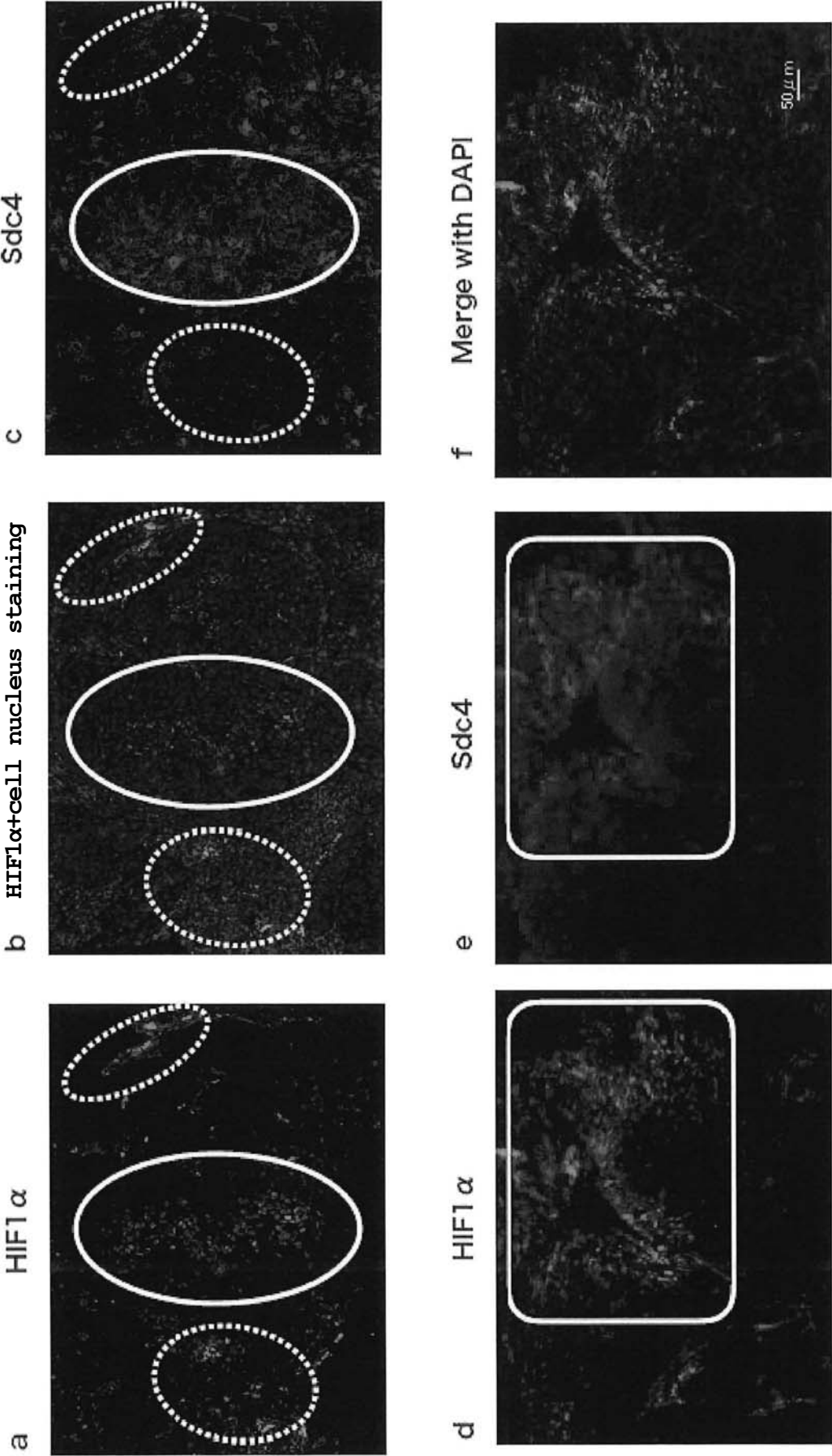


Fig. 12-1

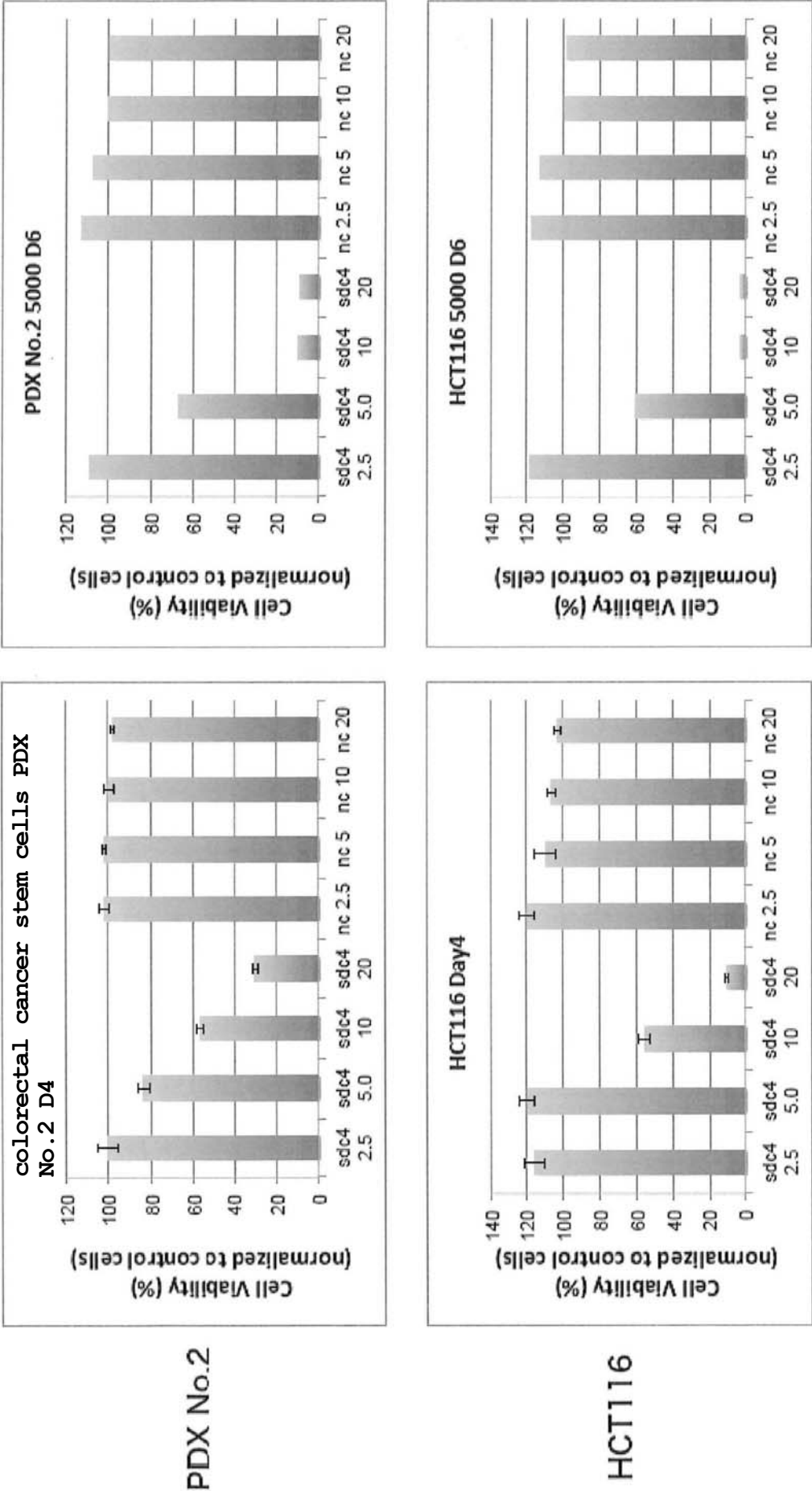


Fig. 12-2

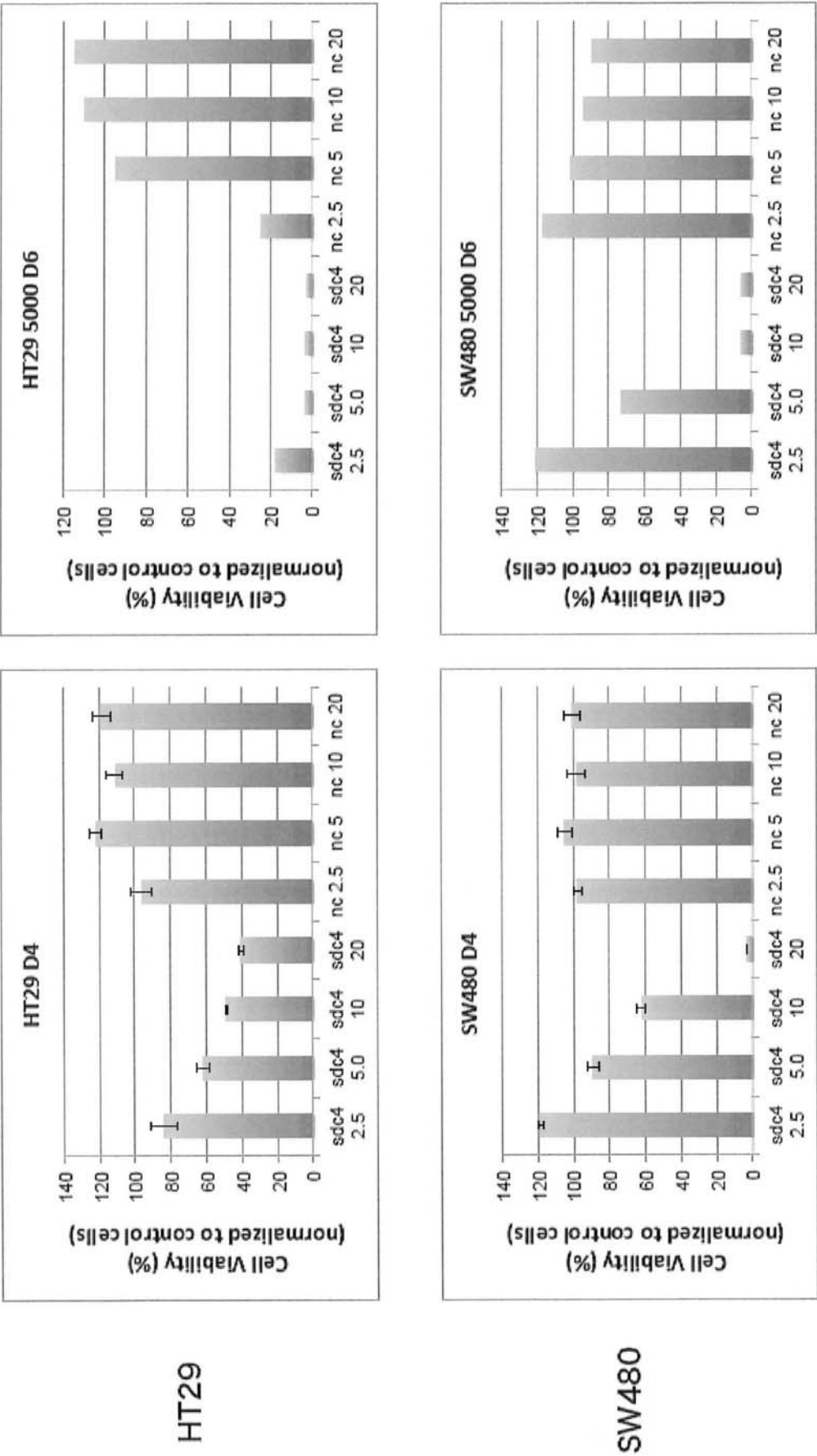


Fig. 12-3

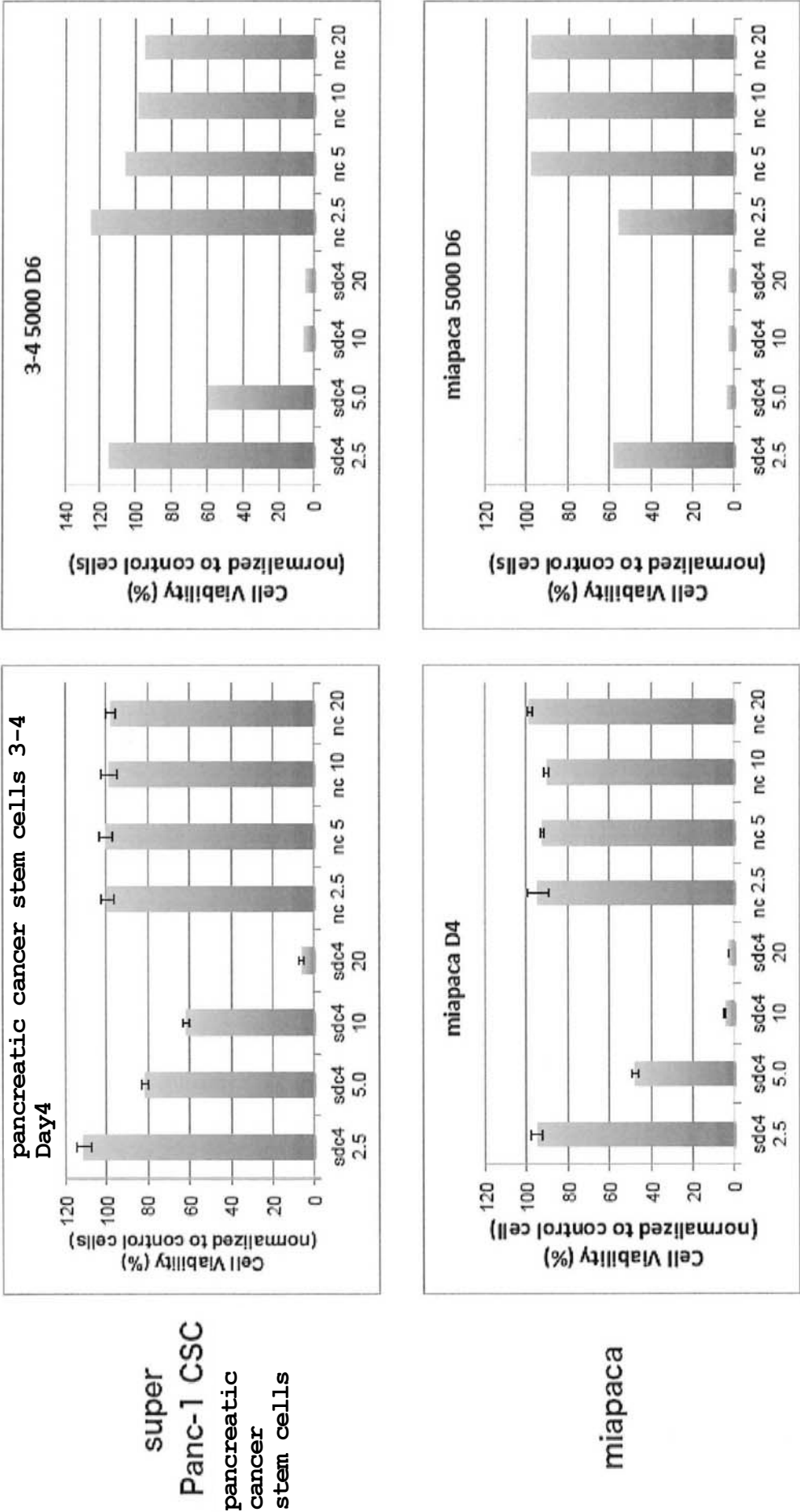


Fig. 12-4

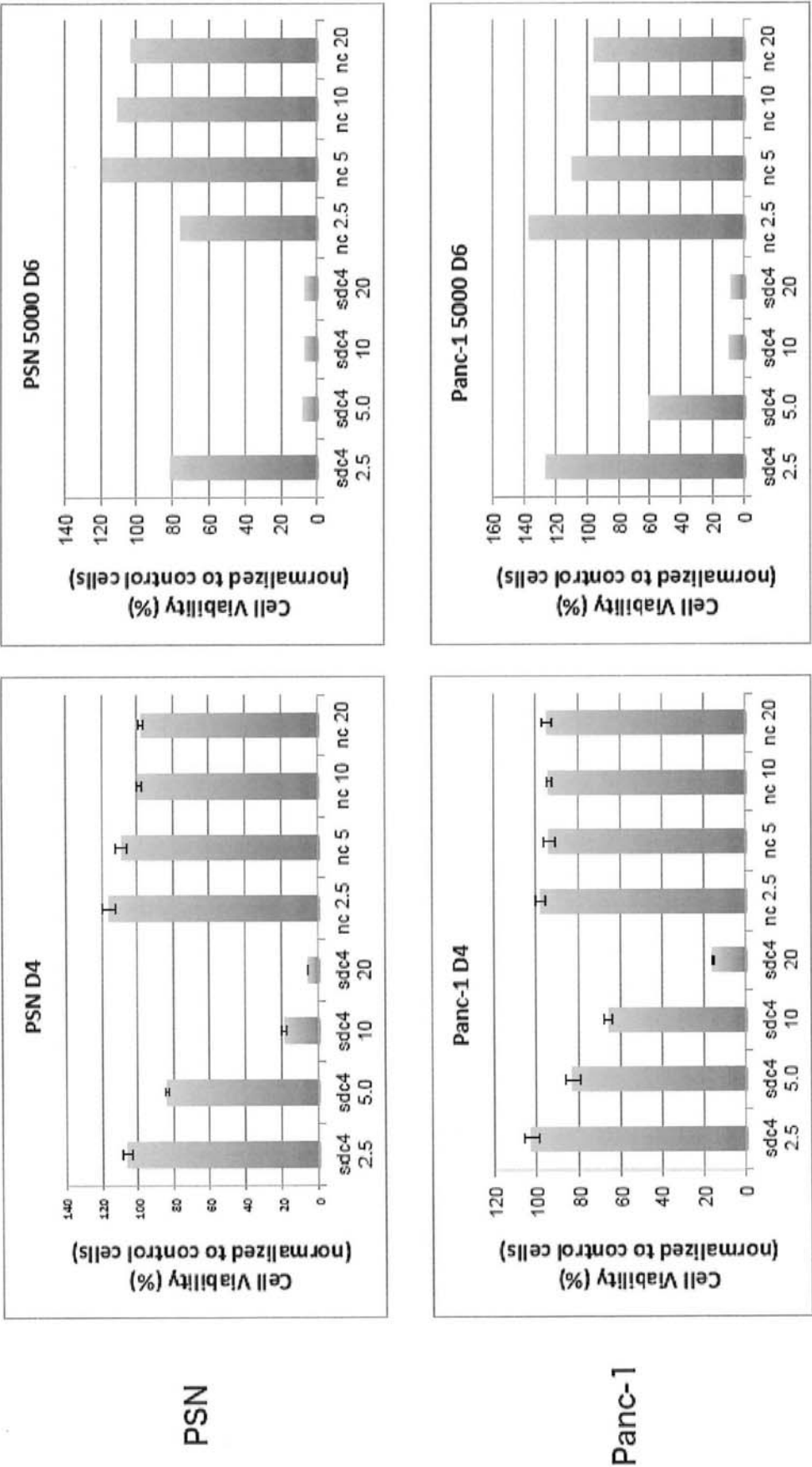


Fig. 12-5

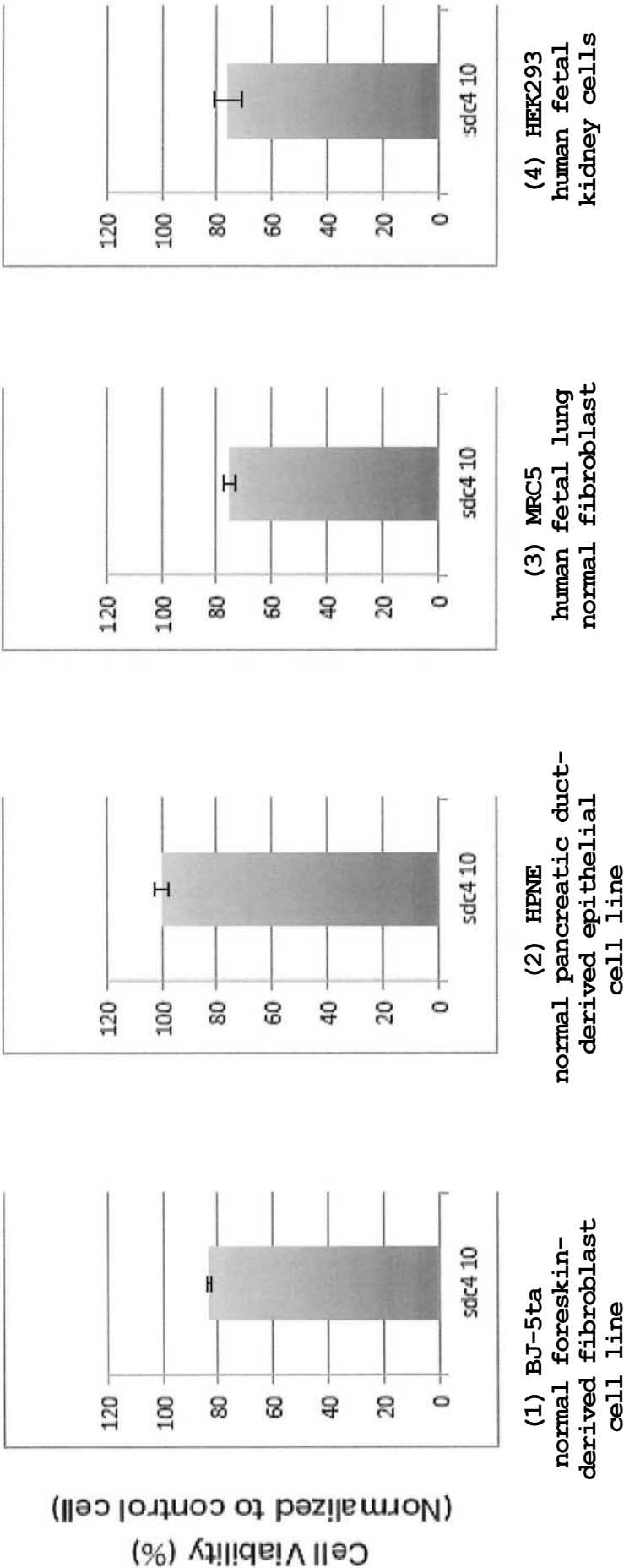


Fig. 12-6

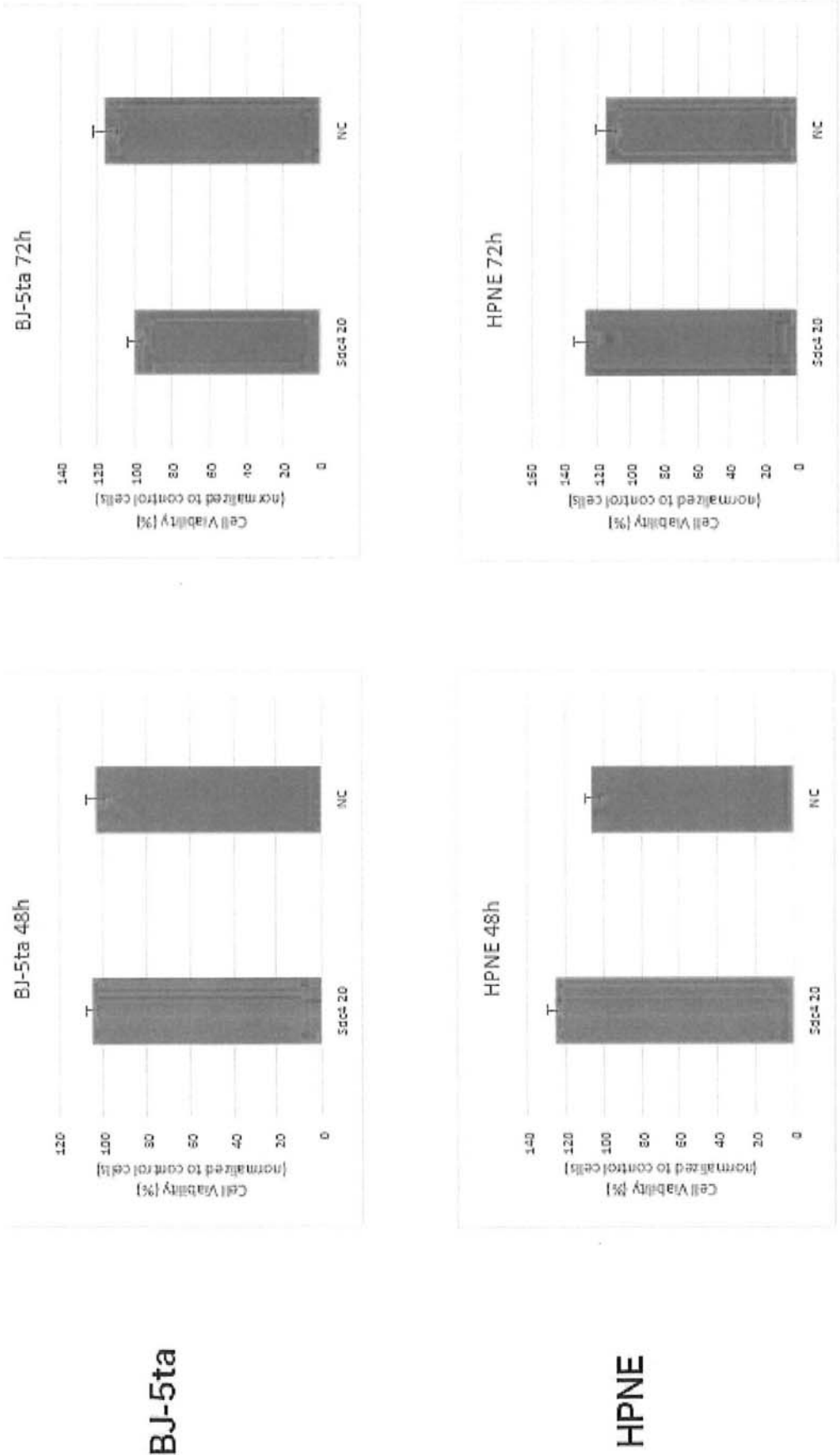


Fig. 12-7

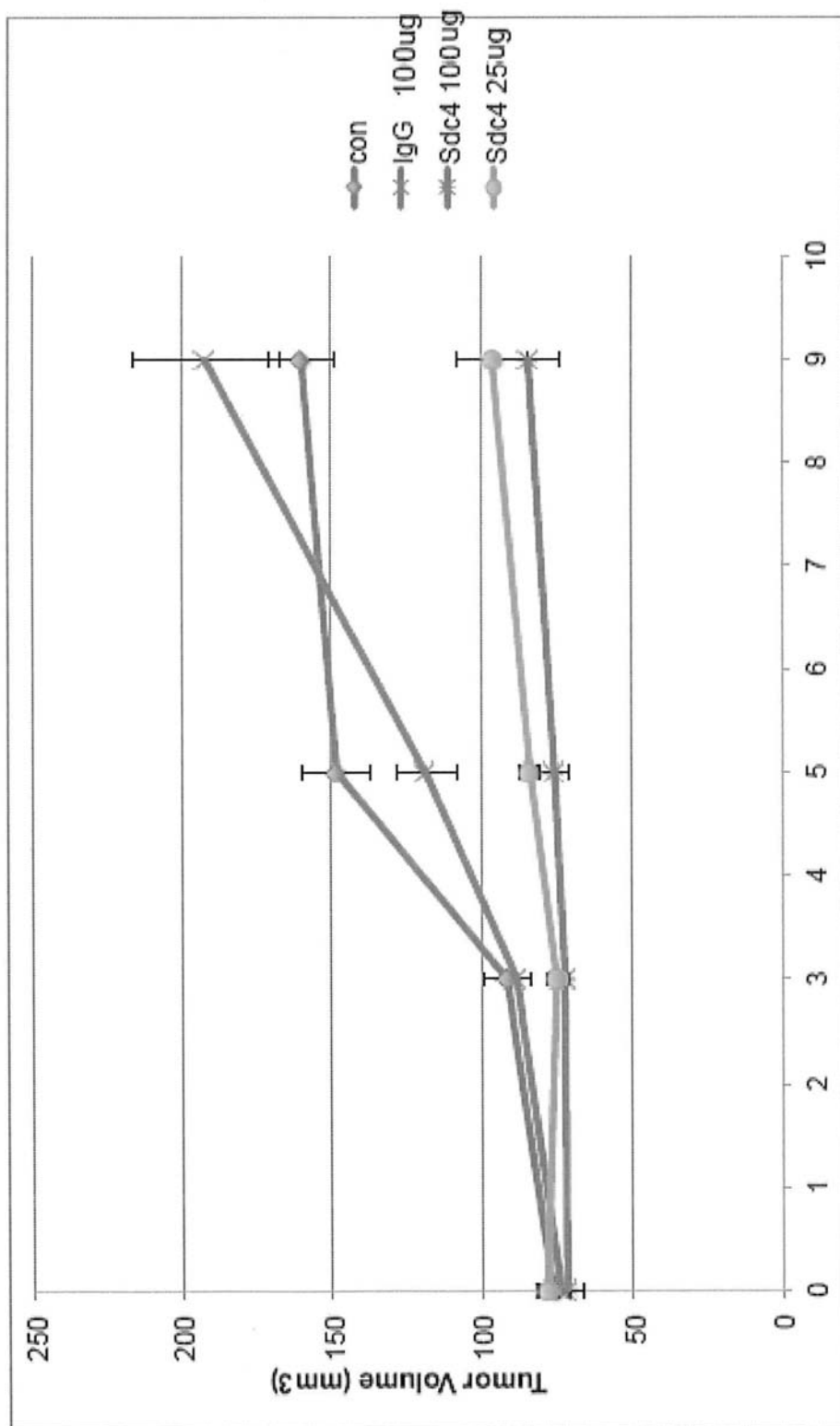


Fig. 13-1

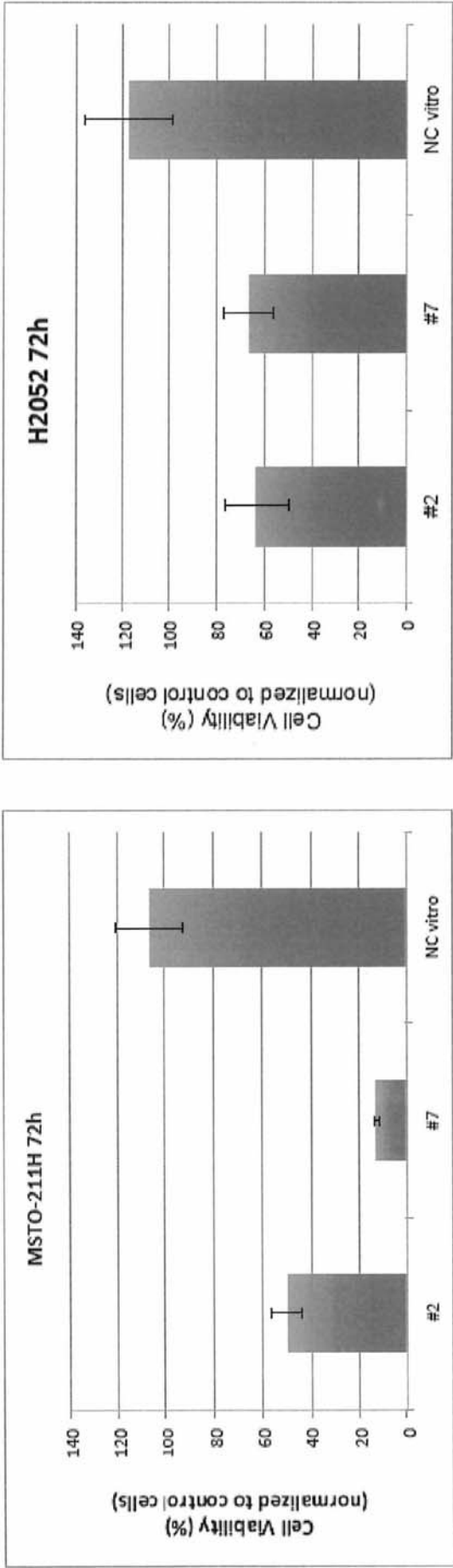


Fig. 13-2

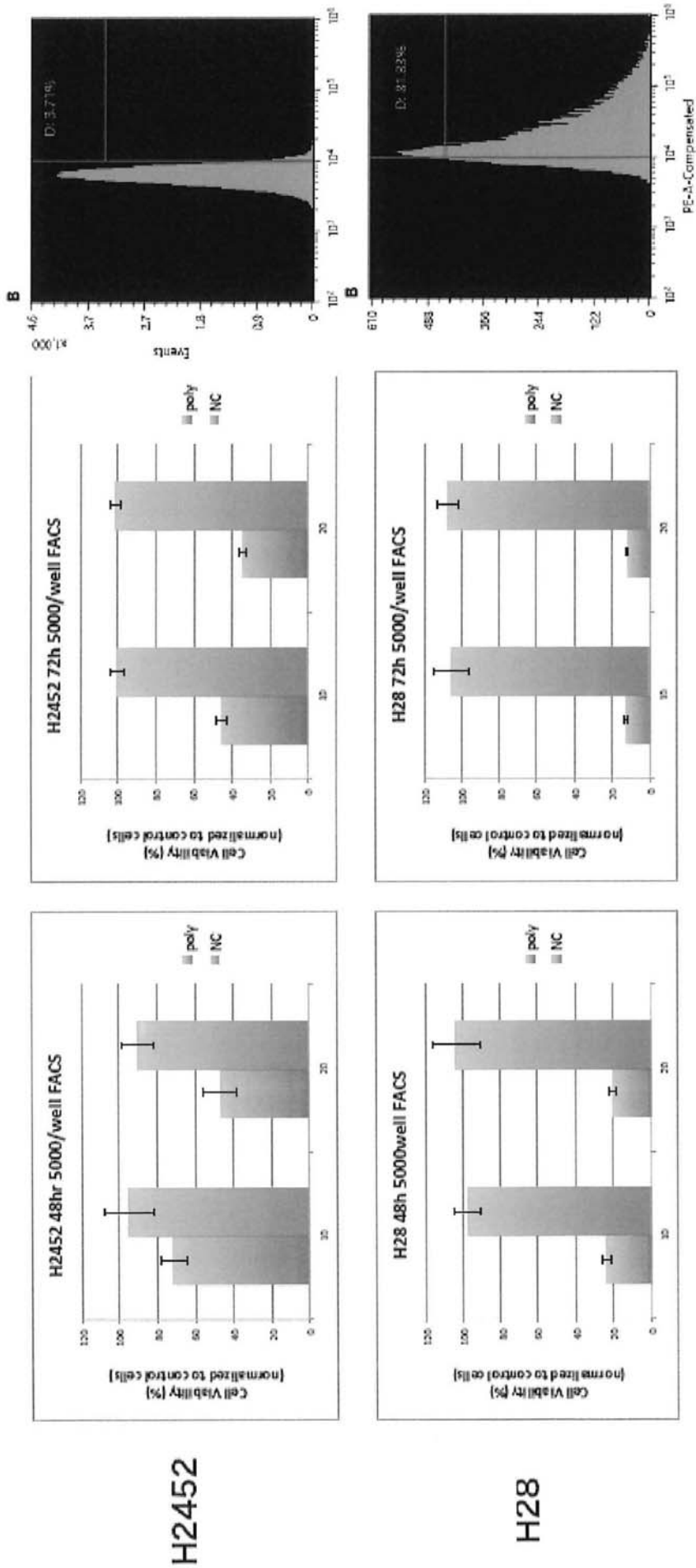
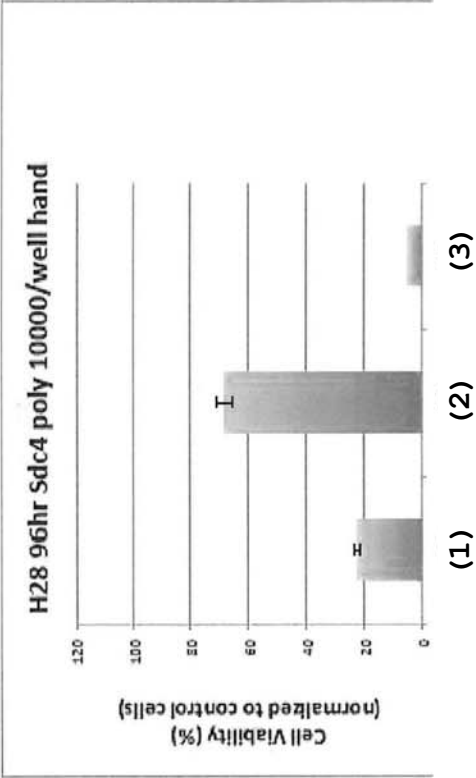


Fig. 13-3



(1) H28
Sdc4 antibody 20ug/ml

(2) H28
IgG 20ug/ml

(3) H28 CD24 (+) top 40%
Sdc4 antibody 20ug/ml

