Fig.1

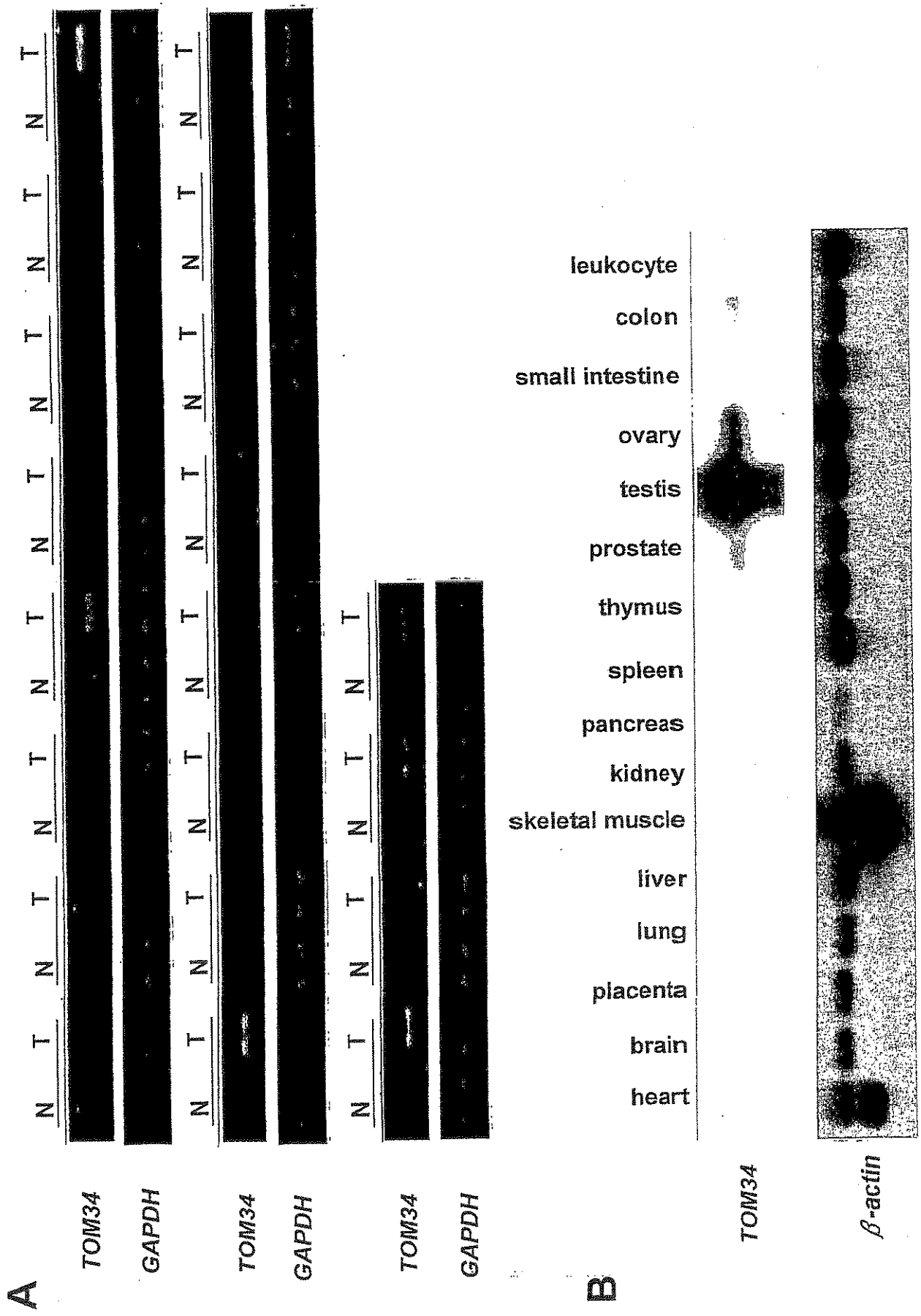

A
N T N T N T N T N T N T N T N T
TOM34
GAPDH
N T N T N T N T N T N T N T N T
TOM34
GAPDH
N T N T N T N T
TOM34
GAPDH
B
leukocyte
colon
small intestine
ovary
testis
prostate
thymus
spleen
pancreas
kidney
skeletal muscle
liver
lung
placenta
brain
heart
TOM34
β-actin

Fig. 2

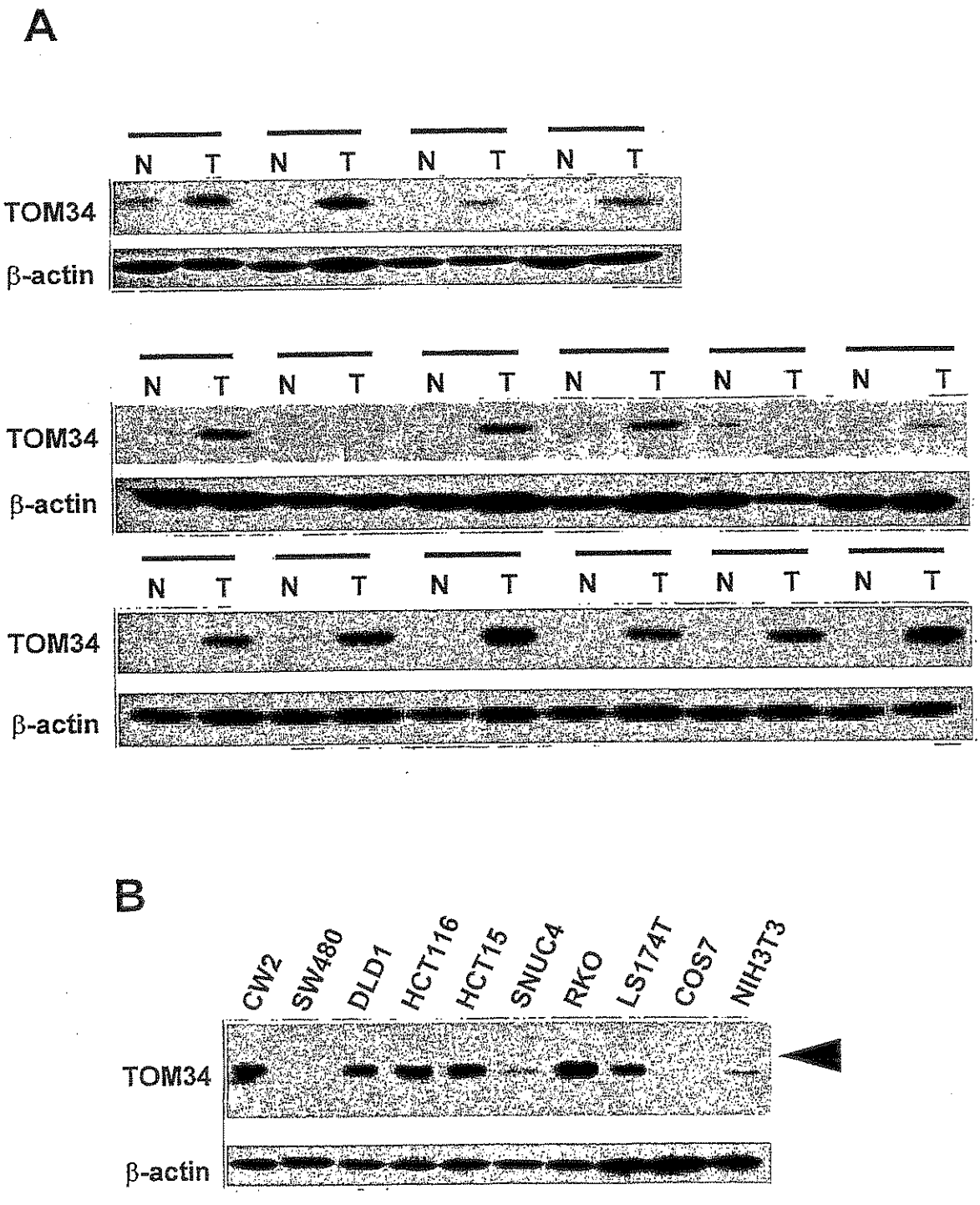

A
N T N T N T N T
TOM34
β-actin
N T N T N T N T N T N T
TOM34
β-actin
N T N T N T N T N T N T
TOM34
β-actin
B
CW2
SW480
DLD1
HCT116
HCT15
SNUC4
RKO
LS174T
COS7
NIH3T3
TOM34
β-actin

Fig. 3

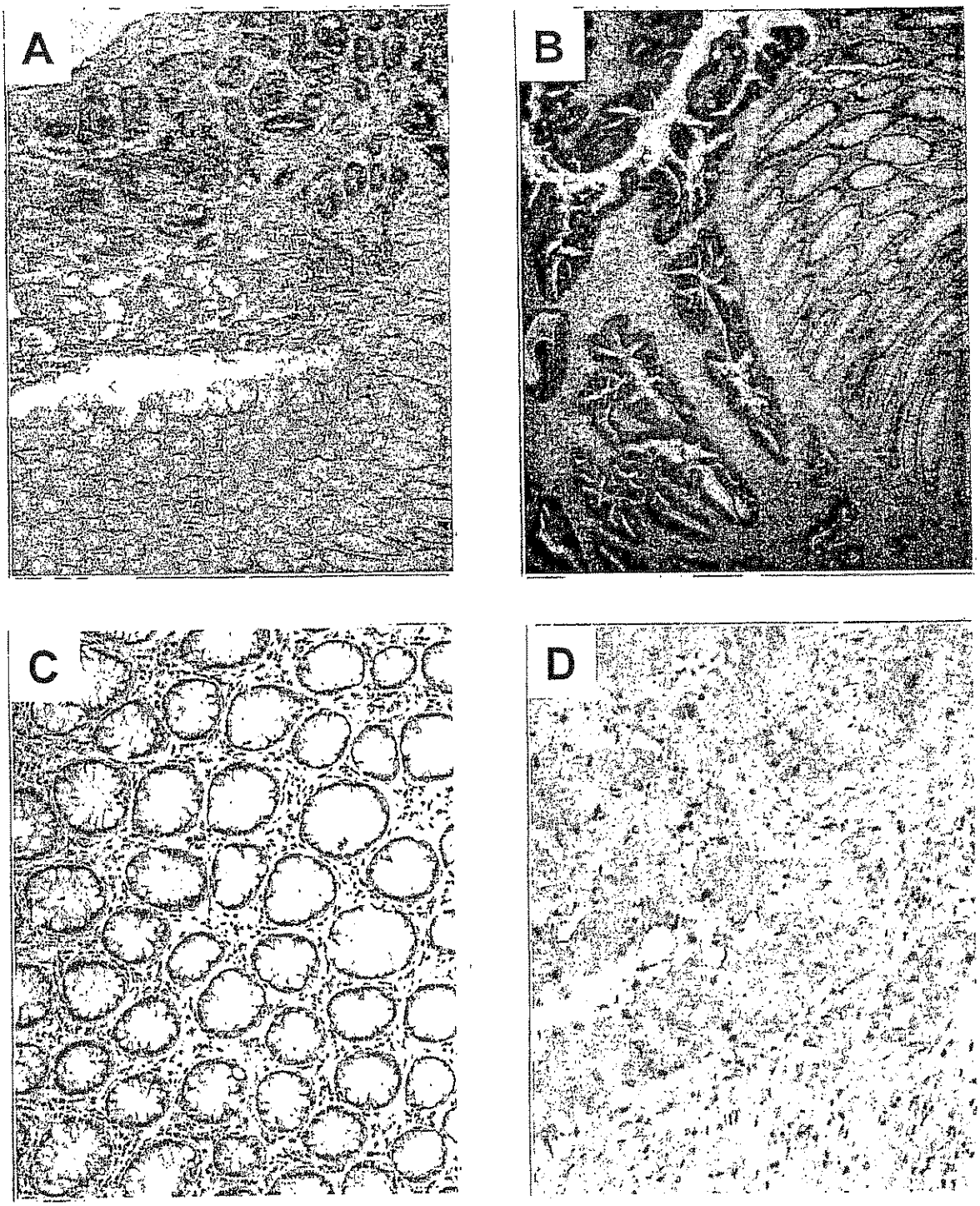
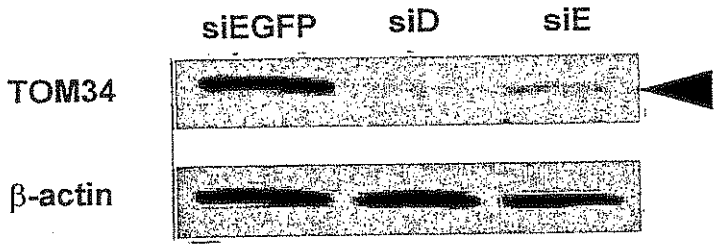


Fig. 4

A


siEGFP
siD
siE
TOM34
β-actin

B

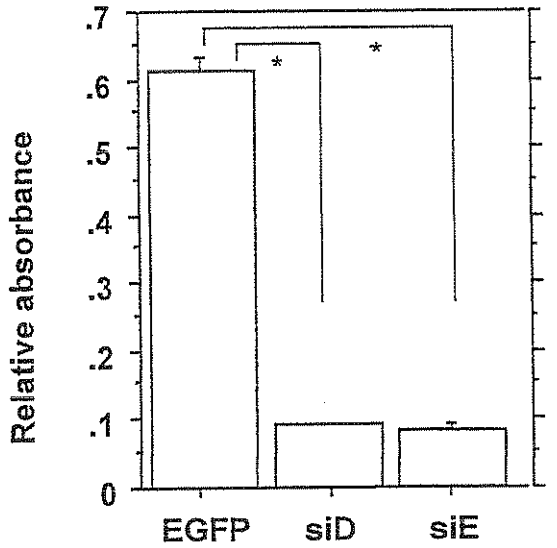

Relative absorbance
.7
.6
.5
.4
.3
.2
.1
0
*
*
EGFP
siD
siE

Fig. 5

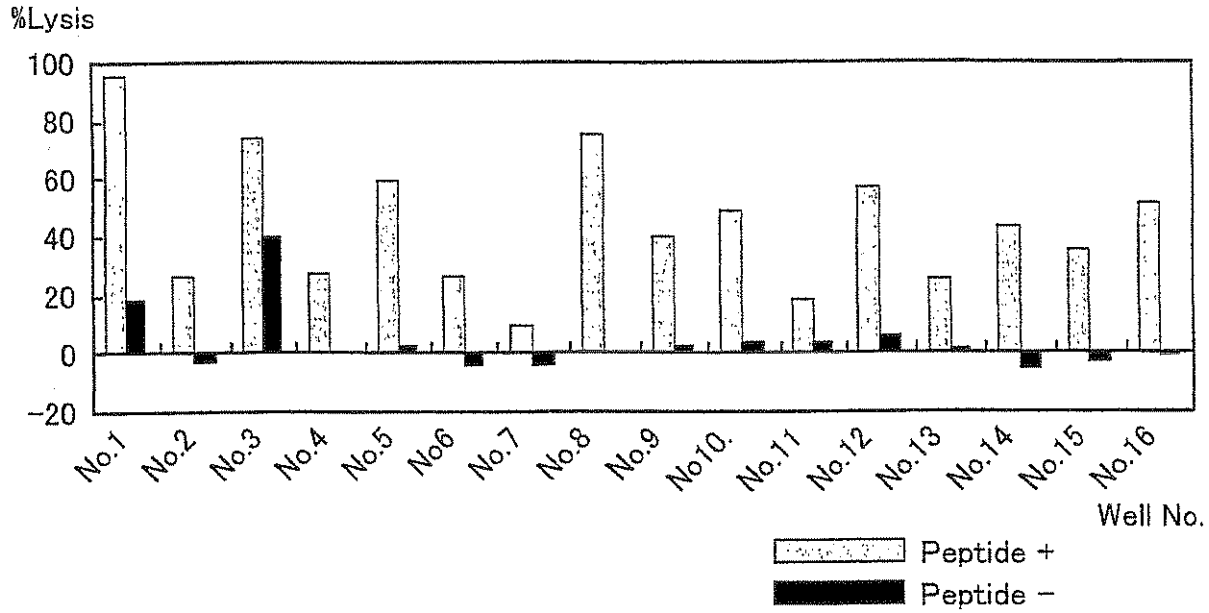

%Lysis
100
80
60
40
20
0
-20
No.1
No.2
No.3
No.4
No.5
No6
No.7
No.8
No.9
No10.
No.11
No.12
No.13
No.14
No.15
No.16
Well No.
Peptide +
Peptide −

Fig. 6

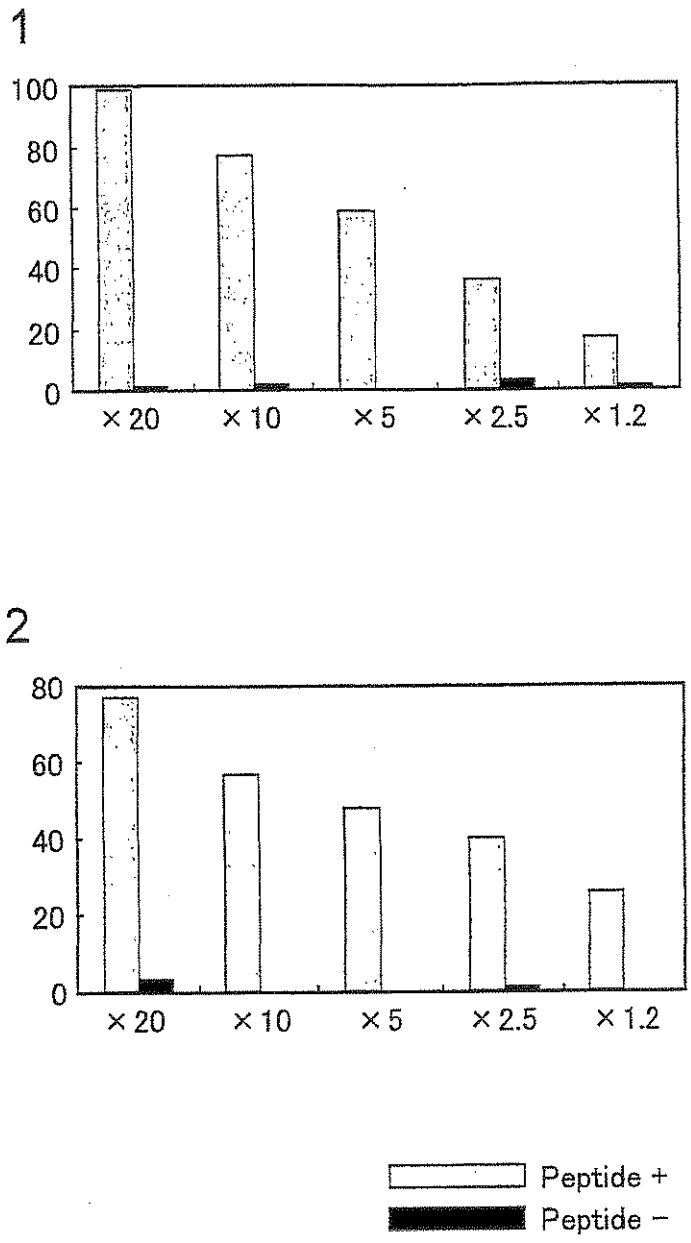
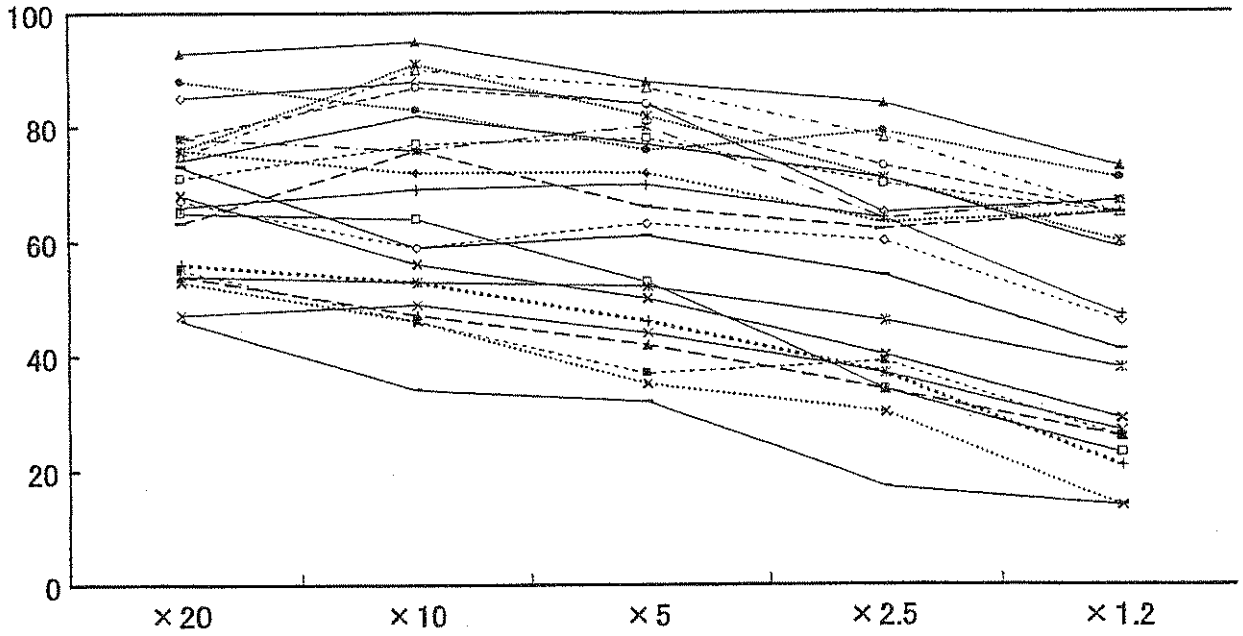

1
100
80
60
40
20
0
×20
×10
×5
×2.5
×1.2
2
80
60
40
20
0
×20
×10
×5
×2.5
×1.2
Peptide +
Peptide −

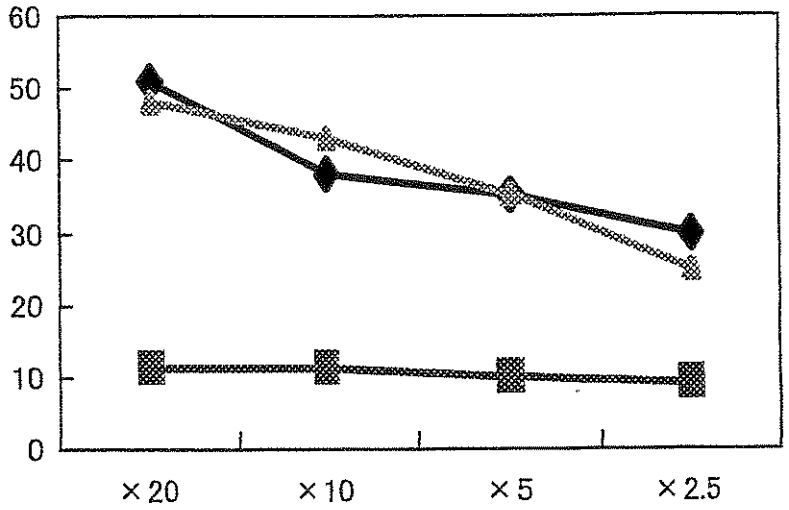
Fig. 7



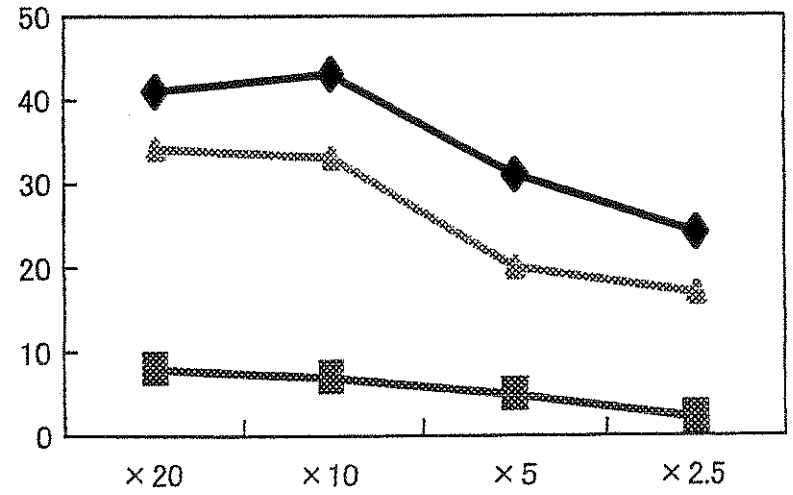
Target : TISI with peptide pulse

Fig. 8

1



2



DLD-1 HLA-A24/02
HT29 HLA-A24/01
SNU-C2A HLA-A31/26

Fig. 9

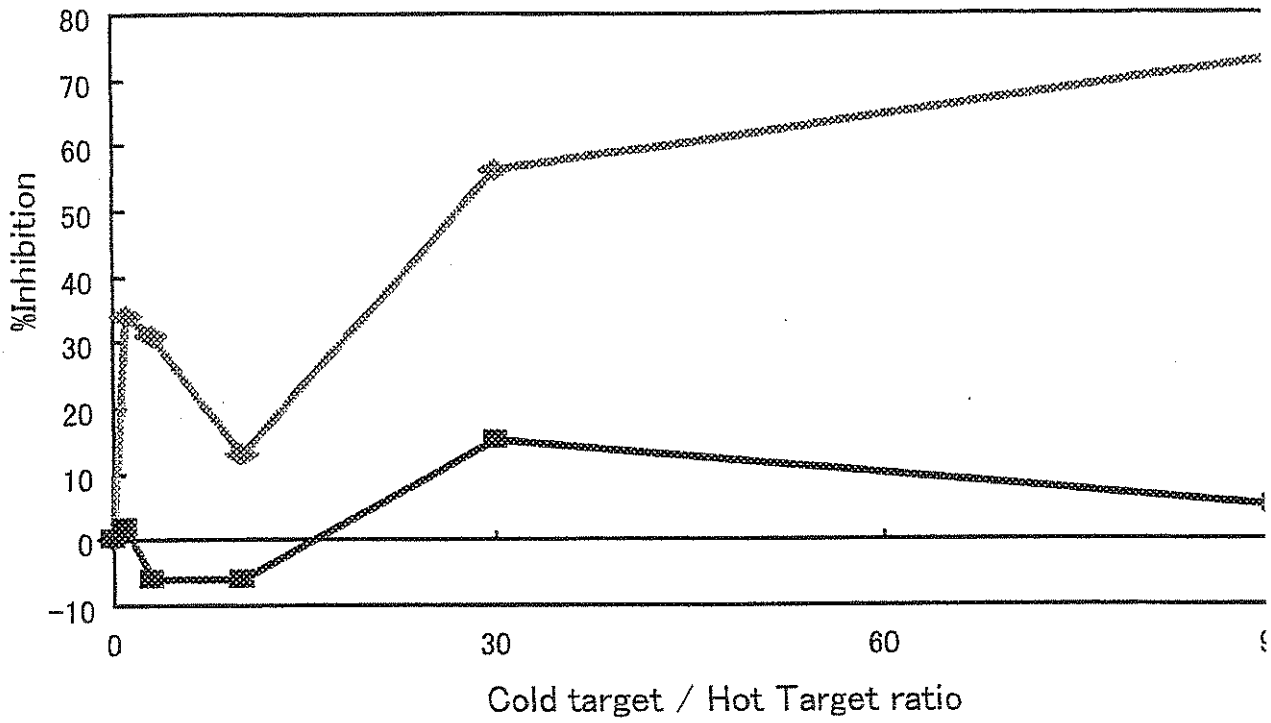
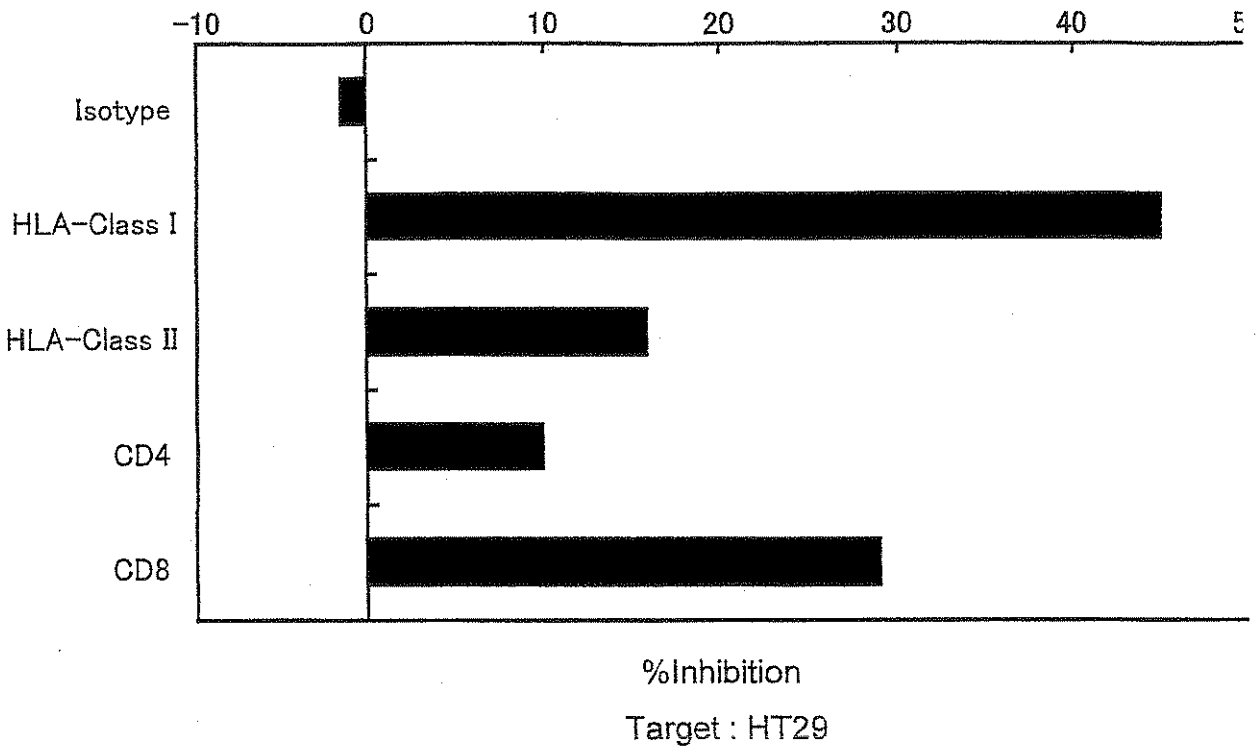

80
70
60
50
40
30
20
10
0
-10
%Inhibition
0
30
60
Cold target / Hot Target ratio
Hot target : HT29
Cold Target : TISI with peptide pulse
Cold Target : TISI without peptide pulse

Fig. 10


-10
0
10
20
30
40
Isotype
HLA-Class I
HLA-Class II
CD4
CD8
%Inhibition
Target : HT29