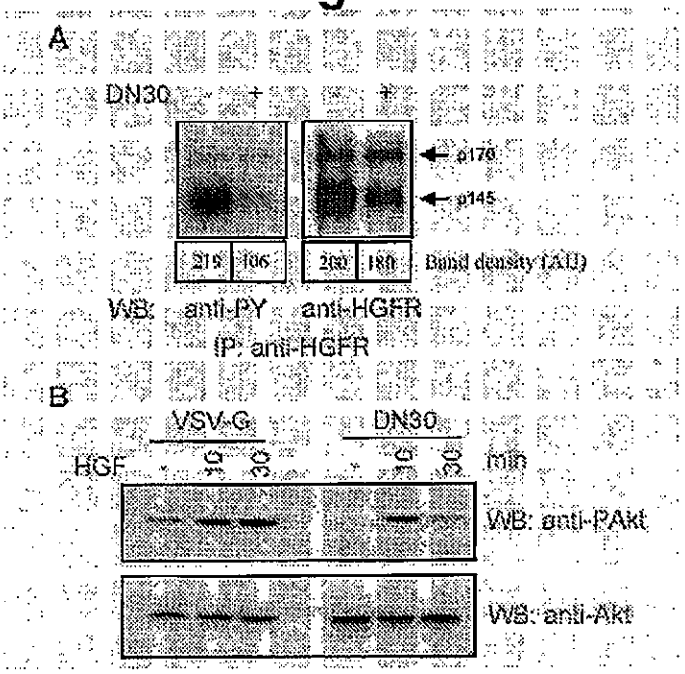
Fig. 1


A
DN30
p170
p145
215
106
200
180
Band density (AU)
WB: anti-PY
anti-HGFR
IP: anti-HGFR
B
VSV-G
DN30
HGF
15
30
15
30
min
WB: anti-PAkt
WB: anti-Akt

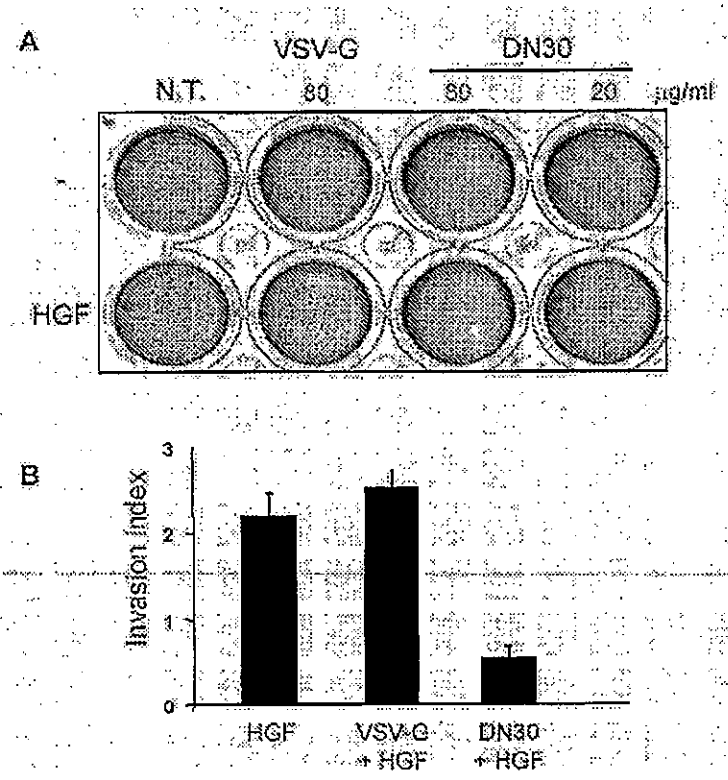

A
VSV-G
DN30
N.T.
80
80
20
μg/ml
HGF
B
Invasion index
3
2
1
0
HGF
VSV-G + HGF
DN30 + HGF

Fig. 2

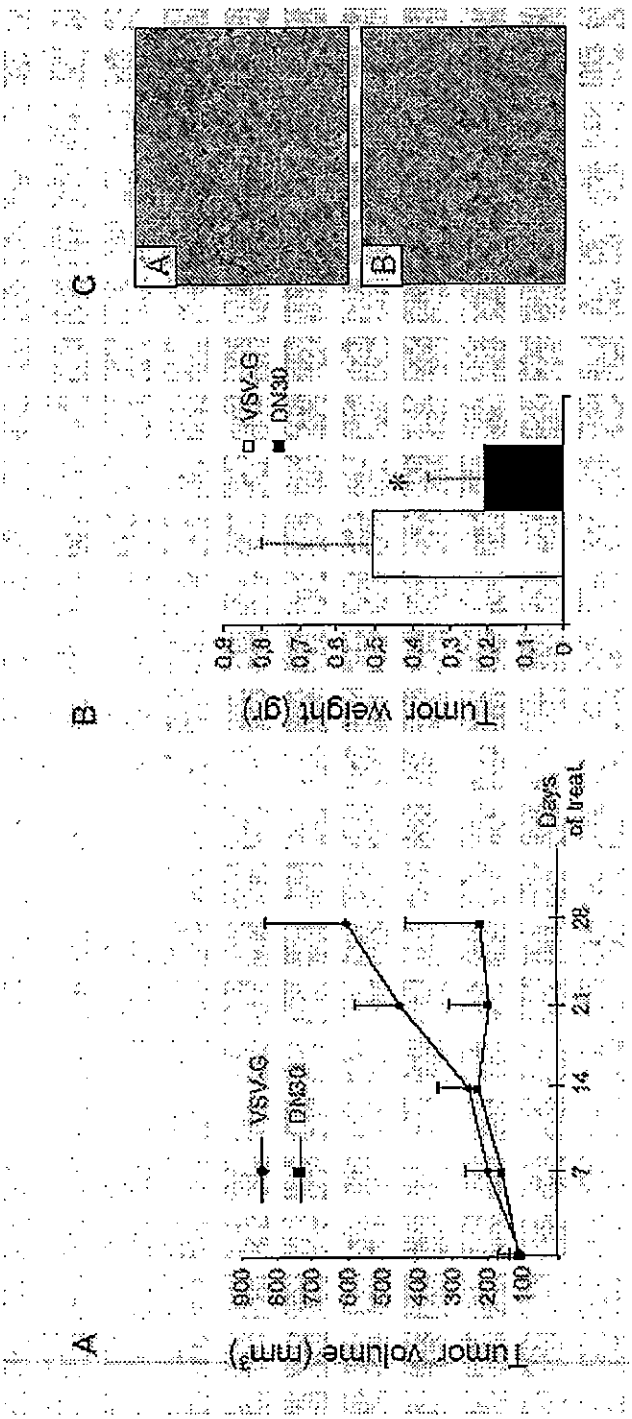

A
Tumor volume (mm³)
VSV-G
DN30
Days of treat.
B
Tumor weight (gr.)
VSV-G
DN30
C
A
B

Fig. 3

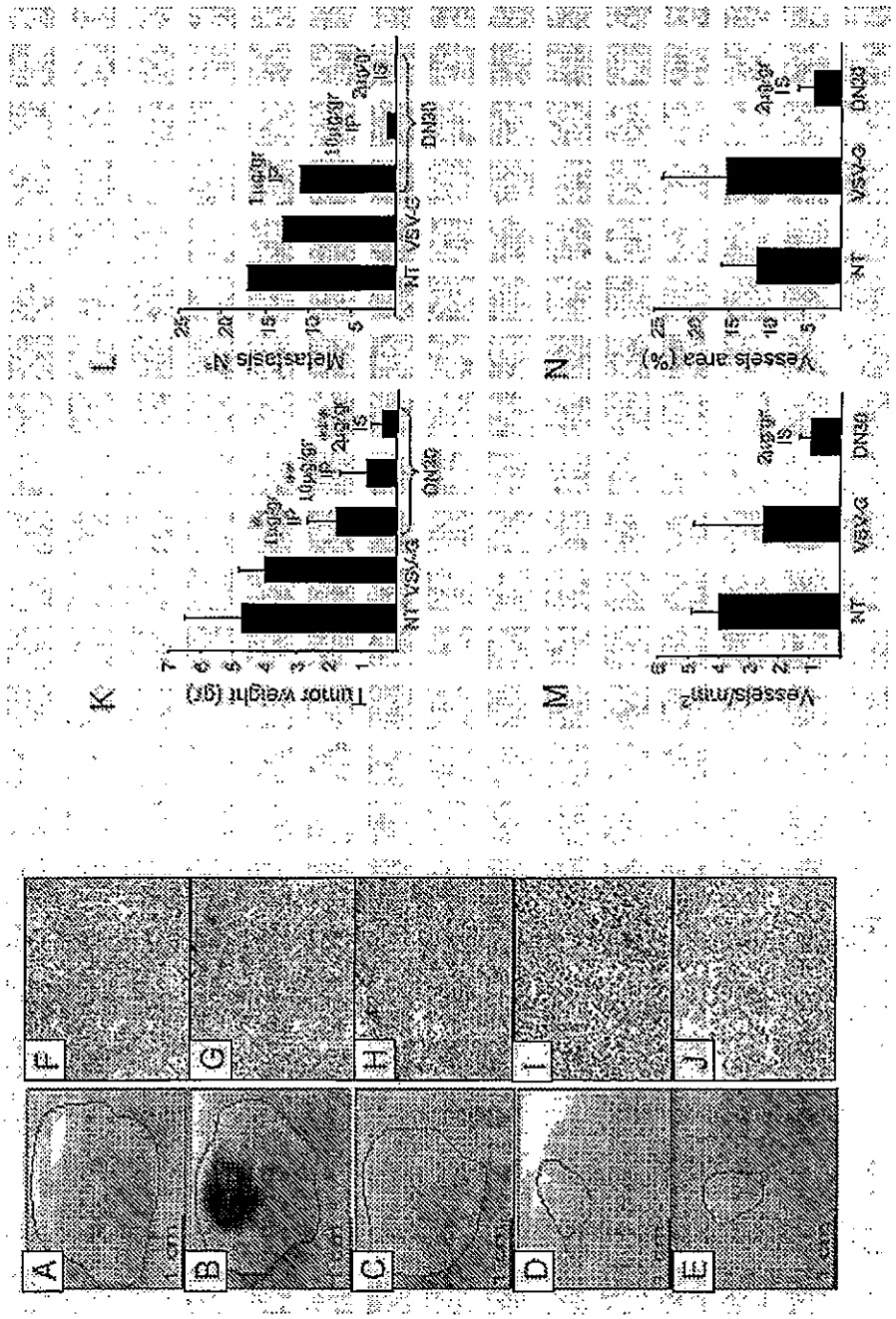

A
B
C
D
E
F
G
H
I
J
K
Tumor weight (gr)
NT
VSV-G
1x10^9 IP
1x10^9 IT
2x10^8 IS
DN28
L
Metastasis #
M
Vessels/mm²
VEGF-C
N
Vessels area (%)

Fig. 4

Fig. 5

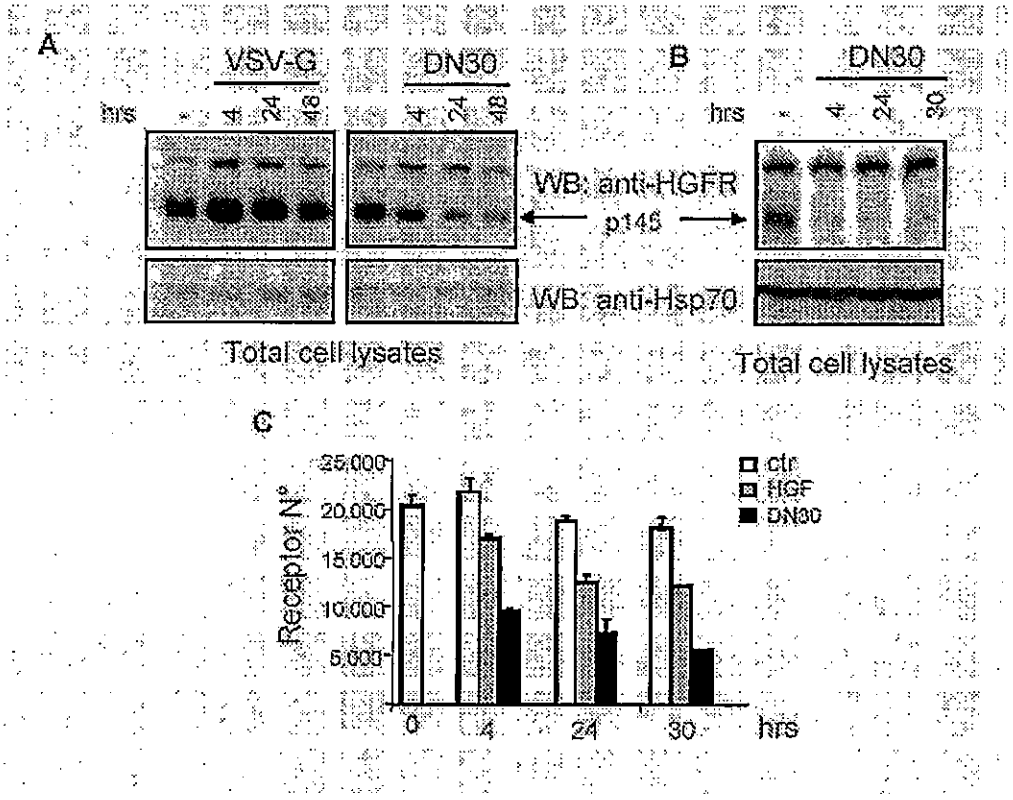

A
VSV-G
DN30
hrs
-
4
24
48
4
24
48
WB: anti-HGFR
p145
WB: anti-Hsp70
Total cell lysates
B
DN30
hrs
-
4
24
30
Total cell lysates
C
Receptor N°
25.000
20.000
15.000
10.000
5.000
0
4
24
30
hrs
ctr
HGF
DN30

Fig. 6

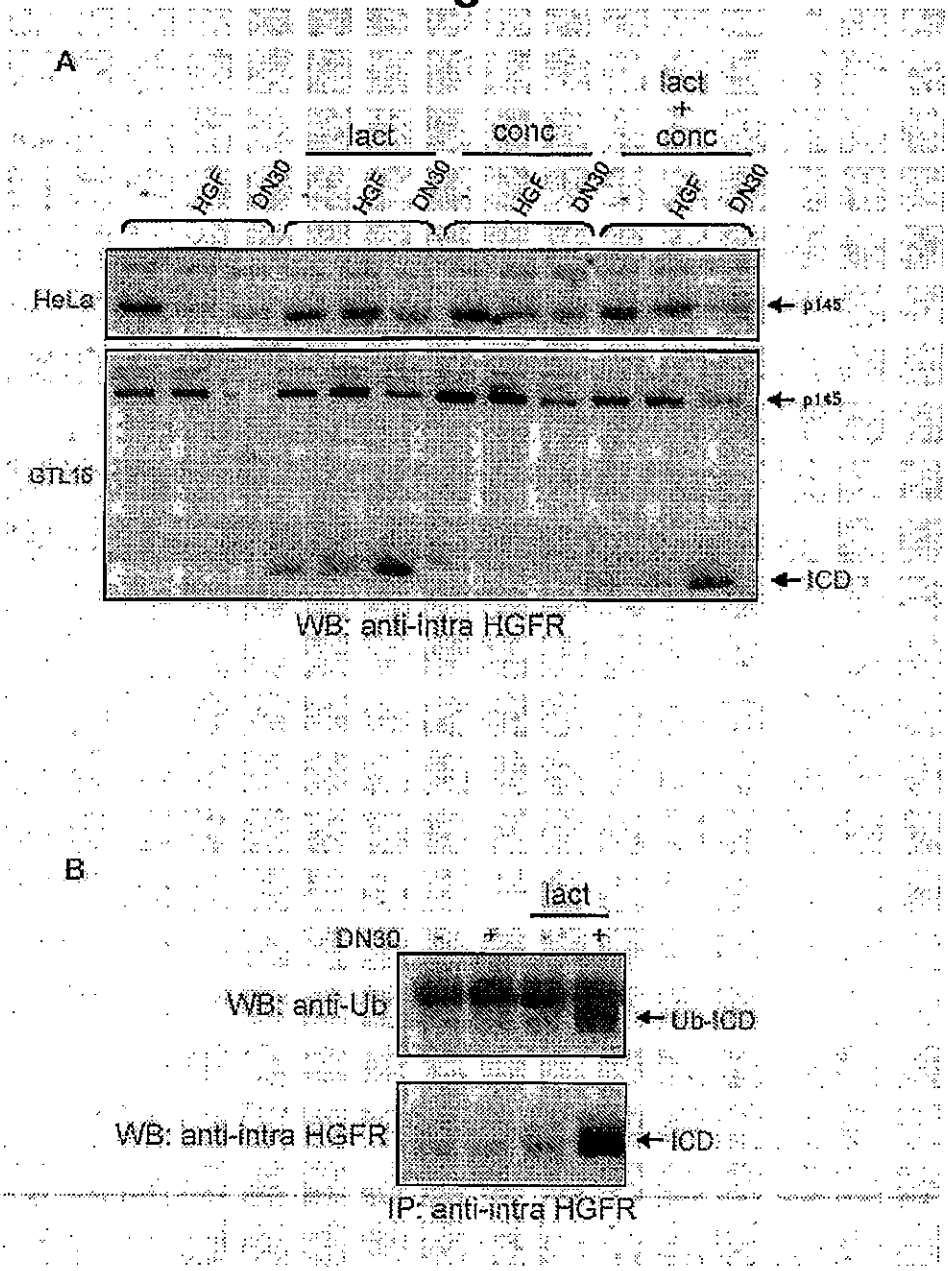

A
lact
conc
lact + conc
HGF
DN30
HeLa
GTL16
p145
p145
ICD
WB: anti-intra HGFR
B
lact
DN30
WB: anti-Ub
Ub-ICD
WB: anti-intra HGFR
ICD
IP: anti-intra HGFR

Fig. 7

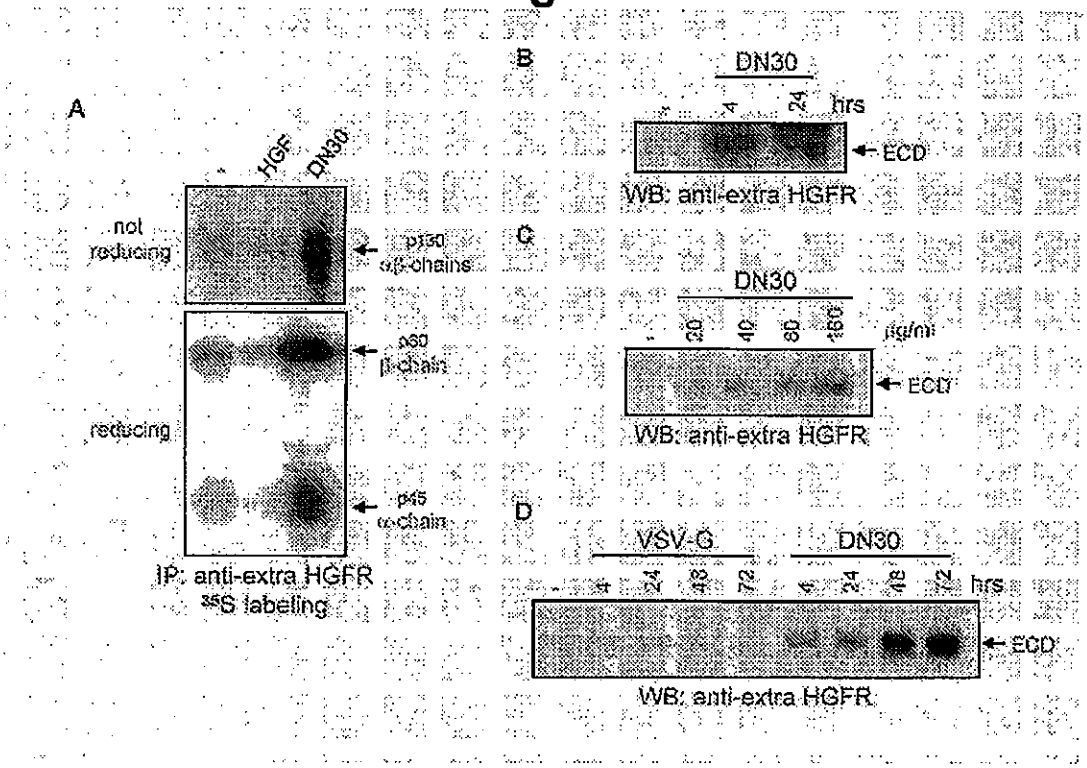

A
HGF
DN30
not reducing
p150 αβ-chains
reducing
p60 β-chain
p45 α-chain
IP: anti-extra HGFR
35S labeling
B
DN30
4
24
hrs
ECD
WB: anti-extra HGFR
C
DN30
20
40
80
160
μg/ml
ECD
WB: anti-extra HGFR
D
VSV-G
DN30
4
24
48
72
4
24
48
72
hrs
ECD
WB: anti-extra HGFR

Fig. 8

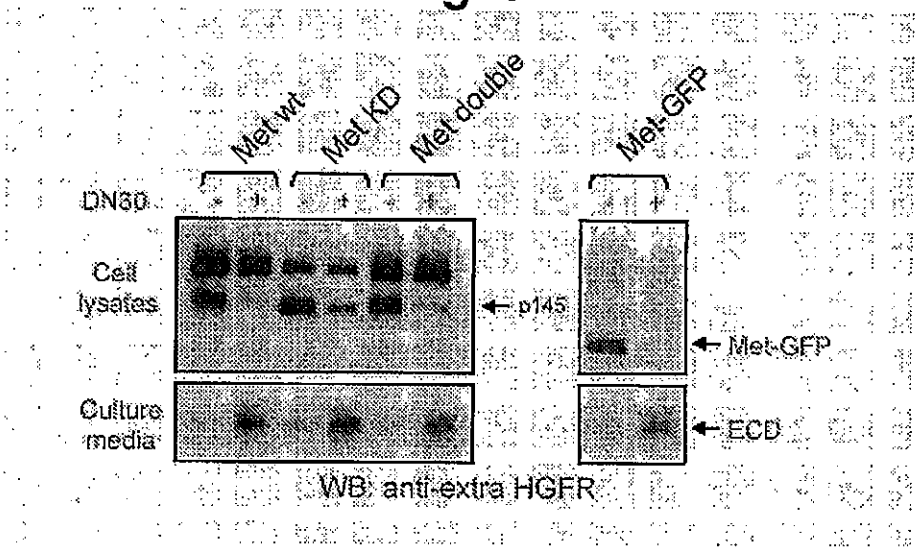
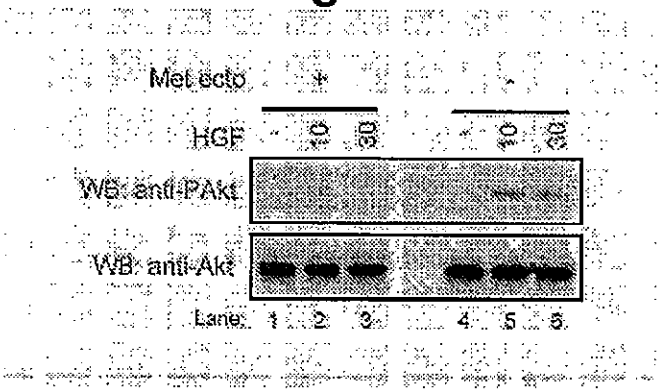

Met wt
Met KD
Met double
Met-GFP
DN30
Cell lysates
p145
Met-GFP
Culture media
ECD
WB: anti-extra HGFR

Fig. 9


Met ecto
HGF
10
30
10
30
WB: anti-PAkt
WB: anti-Akt
Lane: 1 2 3 4 5 6

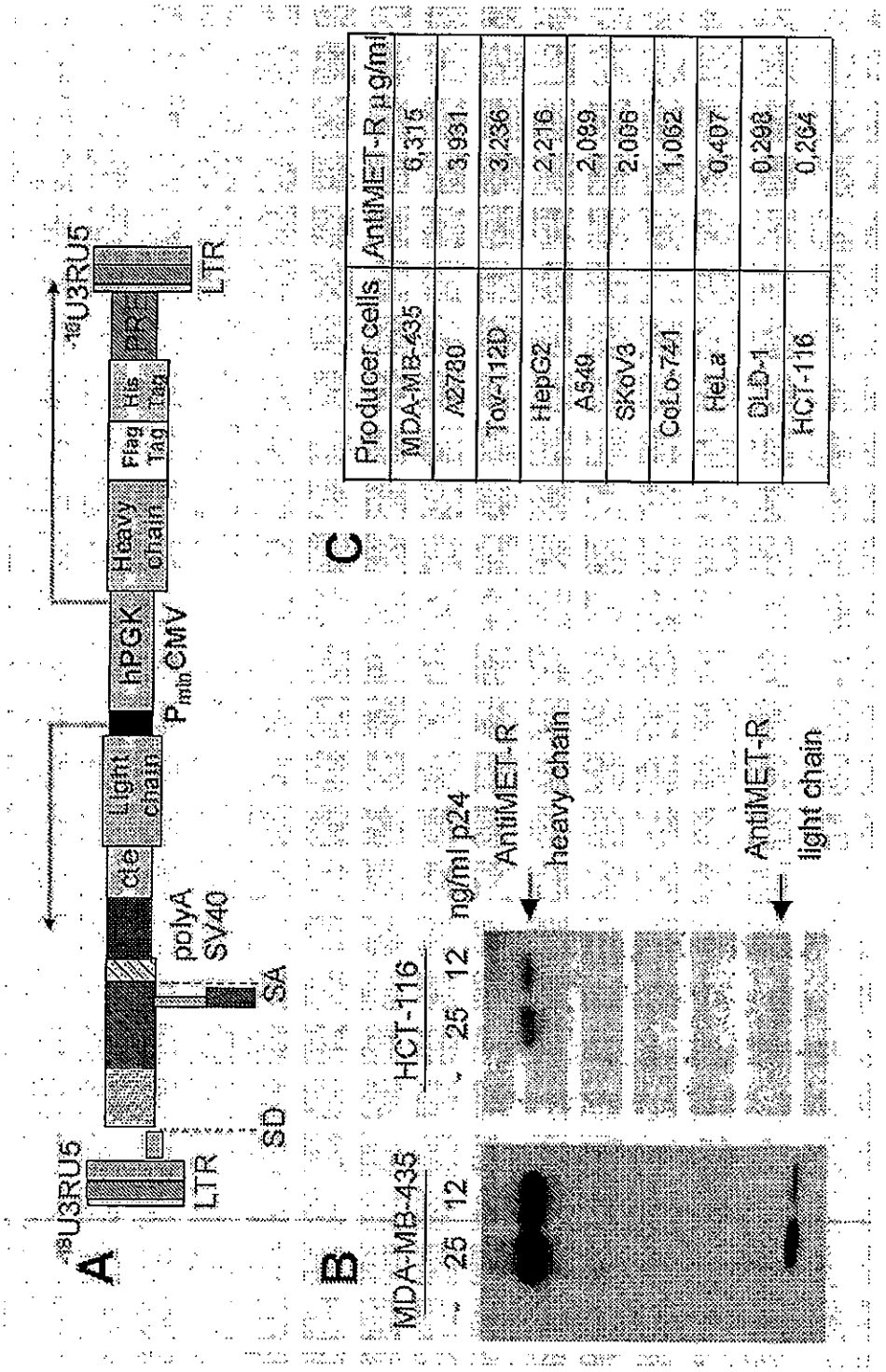

A
-18U3RU5
LTR
SD
SA
polyA SV40
cte
Light chain
hPGK
Pmin CMV
Heavy chain
Flag Tag
His Tag
PRE
+1U3RU5
LTR
B
MDA-MB-435
25 12
HCT-116
25 12 ng/ml p24
AntiMET-R
heavy chain
AntiMET-R
light chain
C
Producer cells
AntiMET-R µg/ml
MDA-MB-435
6,315
A2780
3,931
Tov-112D
3,236
HepG2
2,216
A549
2,089
SKOV3
2,066
CoLo-741
1,062
HeLa
0,407
DLD-1
0,293
HCT-116
0,264

Fig. 10

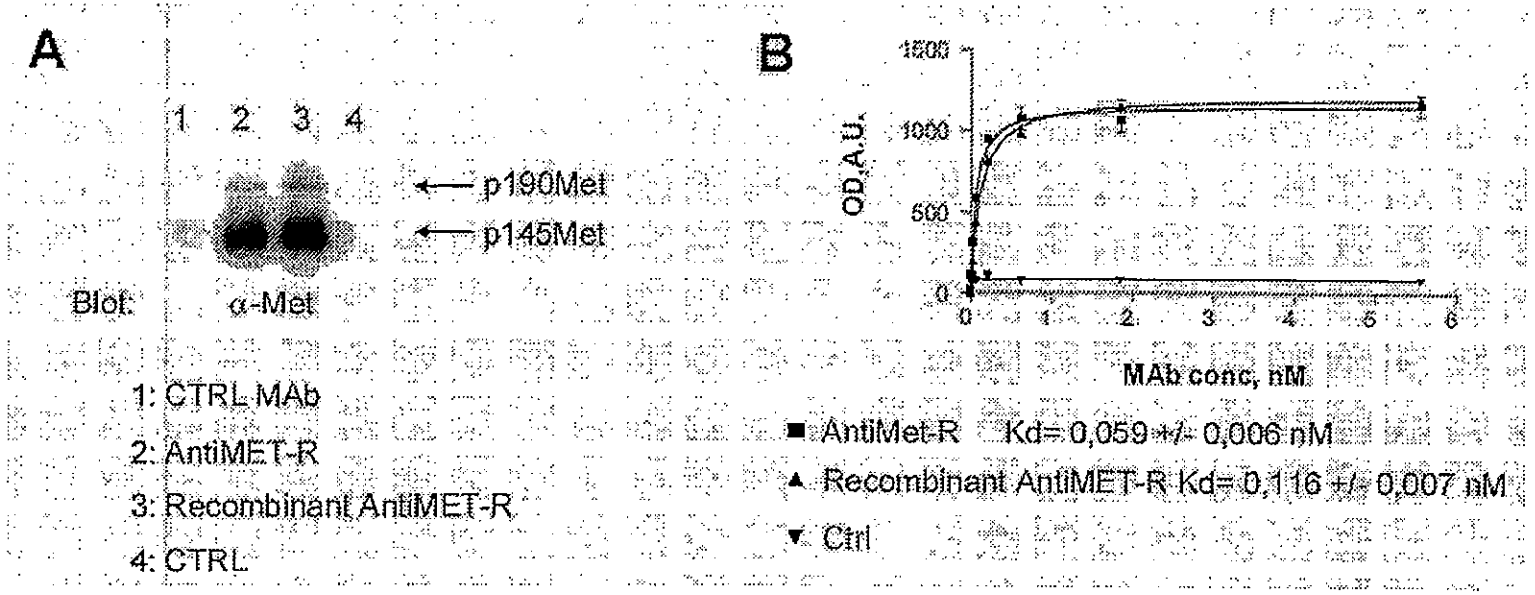

A
1 2 3 4
p190Met
p145Met
Blot: α-Met
1: CTRL MAb
2: AntiMET-R
3: Recombinant AntiMET-R
4: CTRL
B
OD,A.U.
1500
1000
500
0
0 1 2 3 4 5 6
MAb conc, nM
AntiMet-R Kd= 0,059 +/- 0,006 nM
Recombinant AntiMET-R Kd= 0,116 +/- 0,007 nM
Ctrl

Fig. 11

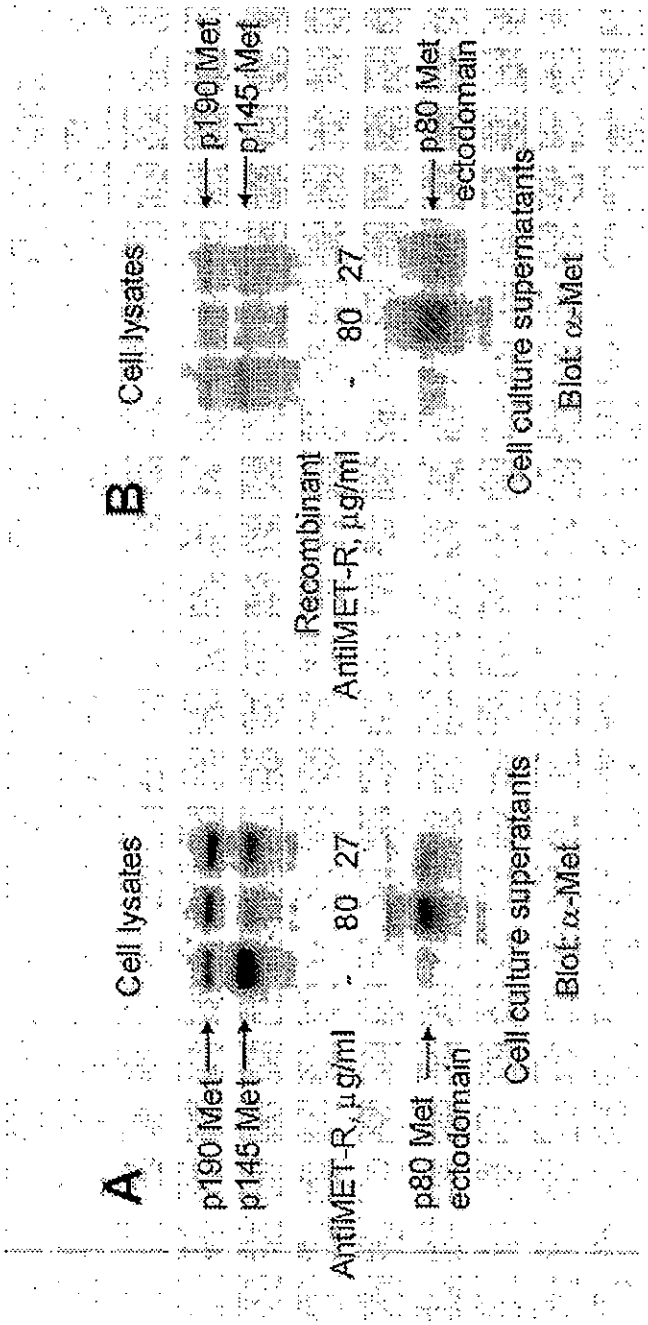

A
Cell lysates
p190 Met
p145 Met
AntiMET-R, µg/ml - 80 27
p80 Met ectodomain
Cell culture supernatants
Blot α-Met
B
Cell lysates
Recombinant AntiMET-R, µg/ml - 80 27
p190 Met
p145 Met
p80 Met ectodomain
Cell culture supernatants
Blot α-Met

Fig. 12

Fig 13

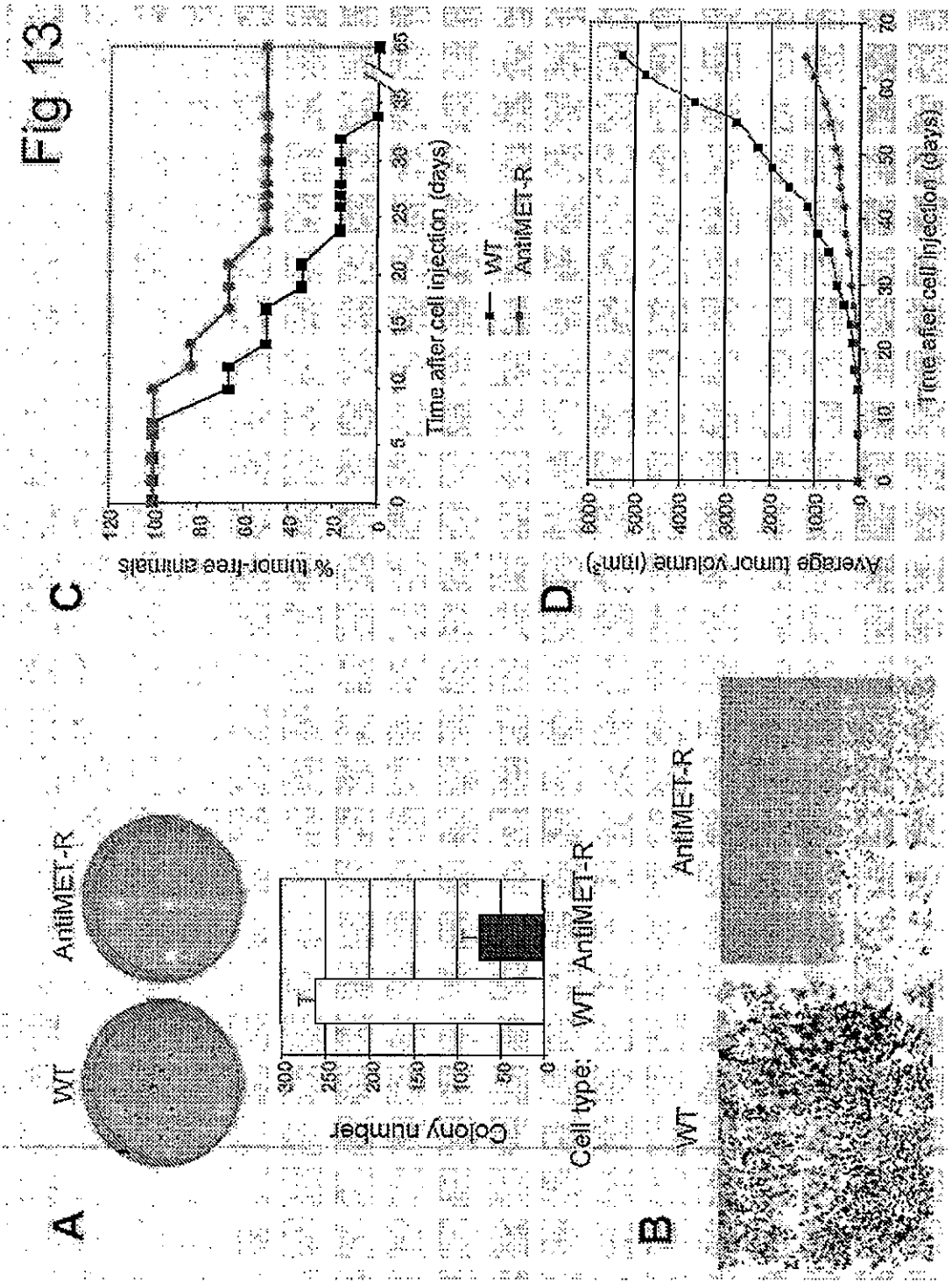

A
WT
AntiMET-R
Colony number
Cell type: WT AntiMET-R
B
WT
AntiMET-R
C
% tumor-free animals
Time after cell injection (days)
WT
AntiMET-R
D
Average tumor volume (mm³)
Time after cell injection (days)

Fig. 14

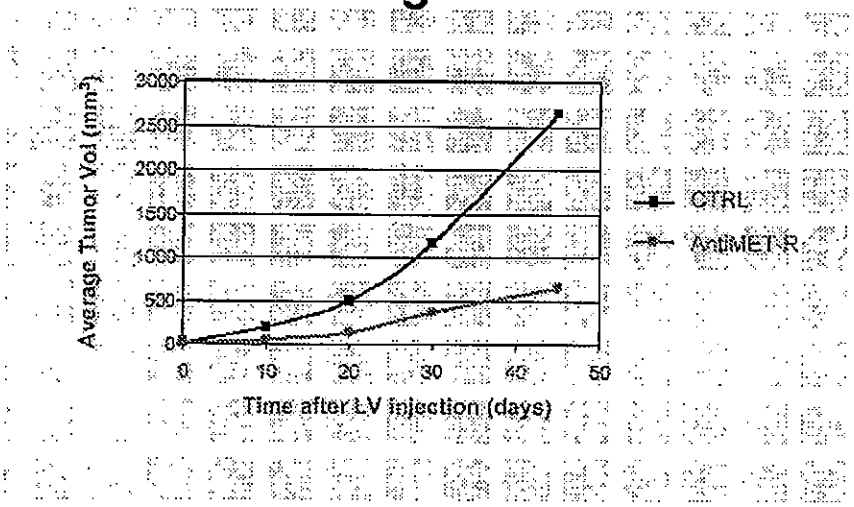

Average Tumor Vol (mm³)
3000
2500
2000
1500
1000
500
0
0
10
20
30
40
50
Time after LV injection (days)
CTRL
AntiMET-R

Fig. 15

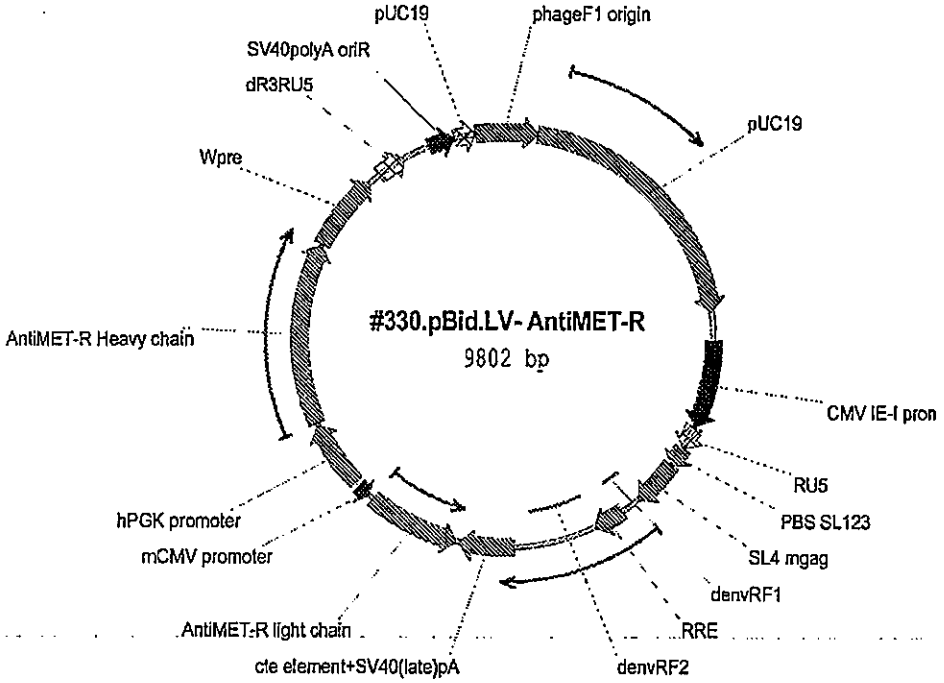

pUC19
phageF1 origin
SV40polyA oriR
dR3RU5
pUC19
Wpre
#330.pBid.LV- AntiMET-R
9802 bp
AntiMET-R Heavy chain
CMV IE-I pron
RU5
PBS SL123
SL4 mgag
denvRF1
RRE
denvRF2
hPGK promoter
mCMV promoter
AntiMET-R light chain
cte element+SV40(late)pA

Fig. 16

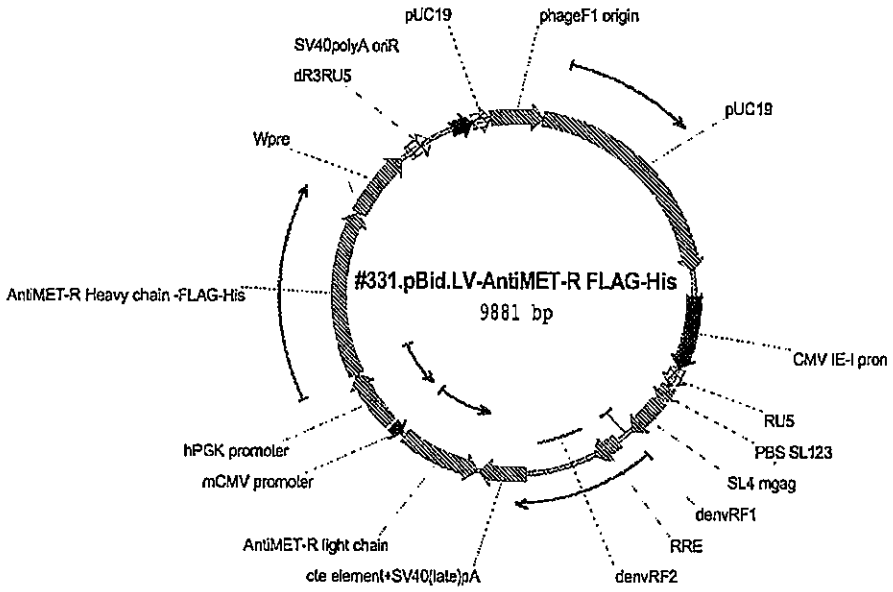

pUC19
phageF1 origin
SV40polyA oriR
dR3RU5
pUC19
Wpre
#331.pBid.LV-AntiMET-R FLAG-His
9881 bp
AntiMET-R Heavy chain -FLAG-His
CMV IE-I pron
RU5
PBS SL123
SL4 mgag
denvRF1
RRE
denvRF2
hPGK promoter
mCMV promoter
AntiMET-R light chain
cte element+SV40(late)pA

Fig. 17

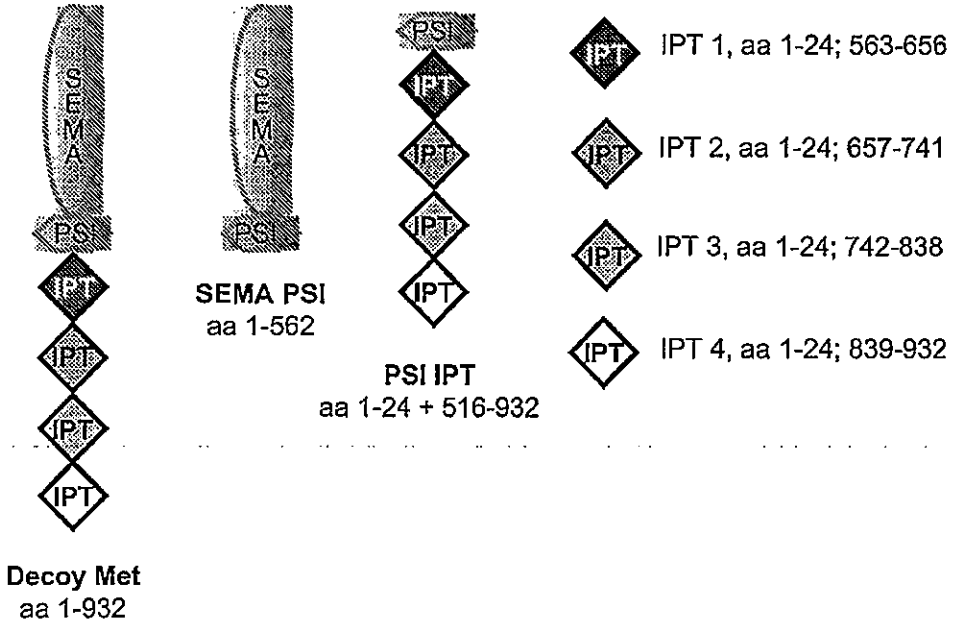
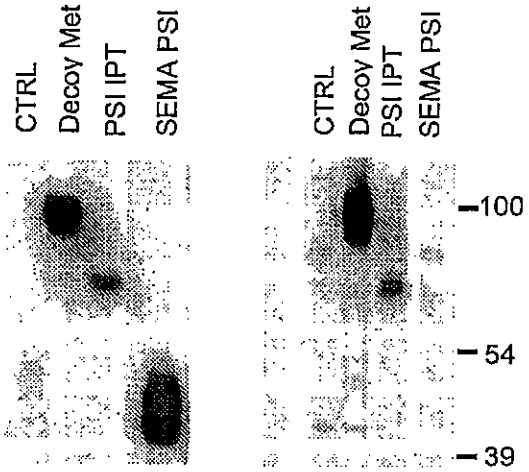
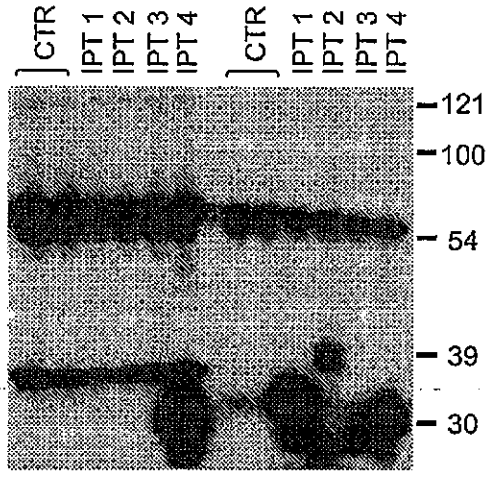

SEMA
PSI
IPT
IPT
IPT
IPT
Decoy Met
aa 1-932
SEMA
PSI
SEMA PSI
aa 1-562
PSI
IPT
IPT
IPT
IPT
PSI IPT
aa 1-24 + 516-932
IPT
IPT 1, aa 1-24; 563-656
IPT
IPT 2, aa 1-24; 657-741
IPT
IPT 3, aa 1-24; 742-838
IPT
IPT 4, aa 1-24; 839-932

Fig. 18



Blot: α-Myc

Fig. 19



Blot: α-FLAG

Fig. 20

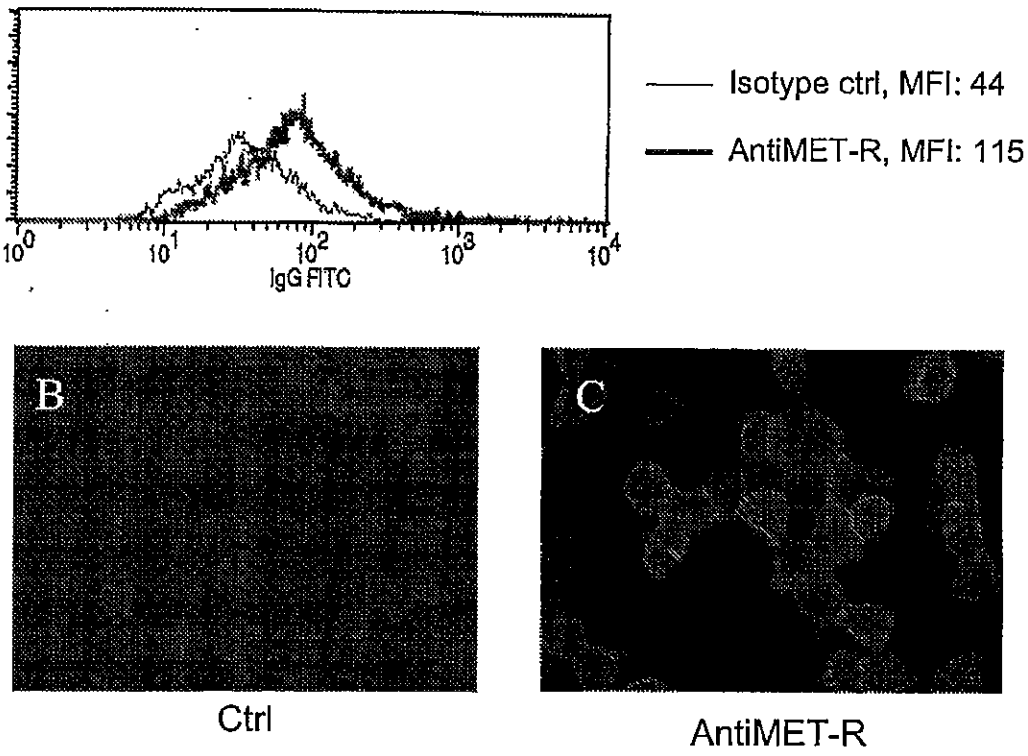

Isotype ctrl, MFI: 44
AntiMET-R, MFI: 115
10^0
10^1
10^2
10^3
10^4
IgG FITC
B
C
Ctrl
AntiMET-R

Figure 21a

```
atgggatgga gctatatcat cctcttttttg gtagcaacag ctacagatgg ccactcccag     60
gtccaactgc agcagcctgg gactgaactg gtgaagcctg gggcttcagt gaagctgtcc    120
tgcaaggctt ctggctacac cttcaccagt tactggatac actgggtgaa gcagaggcct    180
ggacaaggcc ttgagtggat tggagagatt aatcctagca gcggtcgtac taactacaac    240
gagaaattca agaacaaggt cacagtgact gtagacaaat cttccaccac agcctacatg    300
caactcagca acctgacatc tgaggactct gcggtctatt actgtgcaag taggggctac    360
tggggccaag gcaccactct cacagtctcc tcagccaaaa caacagcccc atcggtctat    420
ccactggccc ctgtgtgtgg aaatacaact ggctcctcgg tgactctagg atgcctggtc    480
aagggttatt tccctgagcc agtgaccttg acctggaact ctggatccct gtccagtggt    540
gtgcacacct tcccagctgt cctgcagtct gacctctaca ccctcagcag ctcagtgact    600
gtaacctcga gcacctggcc cagccagtcc atcacctgca atgtggccca cccggcaagc    660
agcaccaagg tggacaagaa aattgagccc agagggccca caatcaagcc ctgtcctcca    720
tgcaaatgcc cagcacctaa cctcttgggt ggaccatccg tcttcatctt ccctccaaag    780
atcaaggatg tactcatgat ctccctgagc cccatagtca catgtgtggt ggtggatgtg    840
agcgaggatg acccagatgt ccagatcagc tggtttgtga acaacgtgga agtacacaca    900
gctcagacac aaacccatag agaggattac aacagtactc tccgggtggt cagtgccctc    960
cccatccagc accaggactg gatgagtggc aaggagttca aatgcaaggt caacaacaaa   1020
gacctcccag cgcccatcga gagaaccatc tcaaaaccca aagggtcagt aagagctcca   1080
caggtatatg tcttgcctcc accagaagaa gagatgacta agaaacaggt cactctgacc   1140
tgcatggtca cagacttcat gcctgaagac atttacgtgg agtggaccaa caacgggaaa   1200
acagagctaa actacaagaa cactgaacca gtcctggact ctgatggttc ttacttcatg   1260
tacagcaagc tgagagtgga aaagaagaac tgggtggaaa gaaatagcta ctcctgttca   1320
gtggtccacg agggtctgca caatcaccac acgactaaga gcttctcccg gactccgggt   1380
aaatga                                                              1386
```

Figure 21b

MGWSYIILFLVATATDGHSQVQLQQPGTELVKPGASVKLSCKAS**GYTFTSYW**IHWVKQRPGQGLEW
IGE**INPSSGRT**NYNEKFKNKVTVTVDKSSTTAYMQLSNLTSEDSAVYYC**ASRGYW**GQGTTLTVSSA
KTTAPSVYPLAPVCGNTTGSSVTLGCLVKGYFPEPVTLTWNSGSLSSGVHTFPAVLQSDLYTLSSS
VTVTSSTWPSQSITCNVAHPASSTKVDKKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDV
LMISLSPIVTCVVVDVSEDDPDVQISWFVNNVEVHTAQTQTHREDYNSTLRVVSALPIQHQDWMSG
KEFKCKVNNKDLPAPIERTISKPKGSVRAPQVYVLPPPEEEMTKKQVTLTCMVTDFMPEDIYVEWT
NNGKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTKSFSRTPGK

Figure 22a

```
atggagacag acacaatcct gctatgggtg ctgctgctct gggttccagg ctccactggt    60
gacattgtgc tgacccaatc tccagcttct ttggctgtgt ctctagggca gagggccacc   120
atctcctgca aggccagcca aagtgttgat tatgatggtg gtagttatat gagttggttc   180
caacagagac caggacagcc acccaaactc ctcatctctg ctgcatccaa tctagaatct   240
gggatcccag ccaggtttag tggcagtggc tctgggacag acttcaccct caatatccat   300
cctgtggagg aggaggatgt tgcaacctat tactgtcagc aaagttatga ggatccgctc   360
acgttcggtg ctgggaccaa gctggagctg aaacgggctg atgctgcacc aactgtatcc   420
atcttcccac catccagtga gcagttaaca tctggaggtg cctcagtcgt gtgcttcttg   480
aacaacttct accccaaaga catcaatgtc aagtggaaga ttgatggcag tgaacgacaa   540
aatggcgtcc tgaacagttg gactgatcag gacagcaaag acagcaccta cagcatgagc   600
agcaccctca cgttgaccaa ggacgagtat gaacgacata acagctatac ctgtgaggcc   660
actcacaaga catctacttc acccattgtc aagagcttca acaggaatga gtgttag      717
```

Figure 22b

METDTILLWVLLLWVPGSTGDIVLTQSPASLAVSLGQRATISCKAS**QSVDYDGGSY**MSWFQQRPGQ
PPKLLIS**AAS**NLESGIPARFSGSGSGTDFTLNIHPVEEEDVATYYC**QQSYEDPLT**FGAGTKLELKR
ADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPKDINVKWKIDGSERQNGVLNSWTDQDSKDSTYS
MSSTLTLTKDEYERHNSYTCEATHKTSTSPIVKSFNRNEC