Figure 1

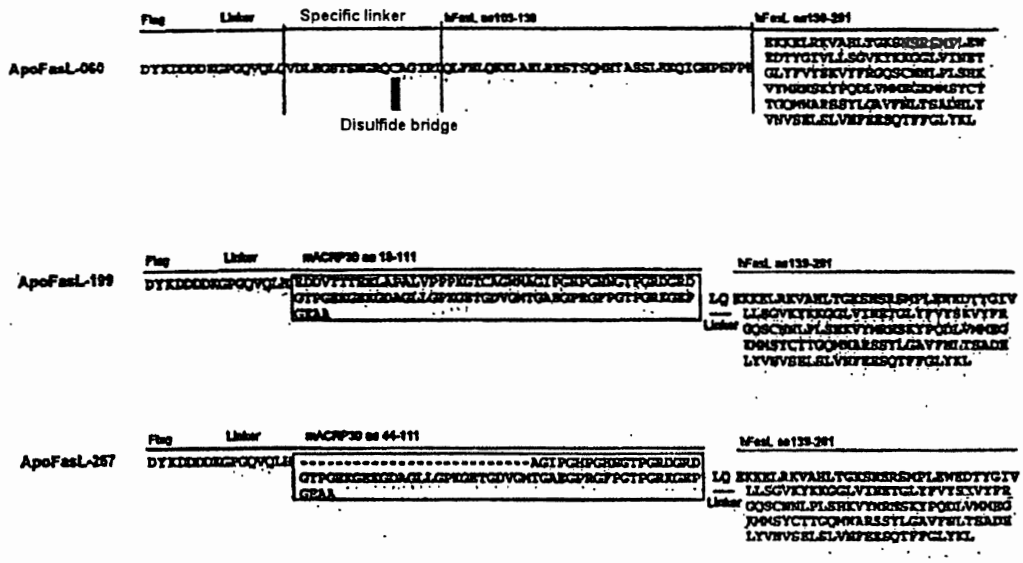
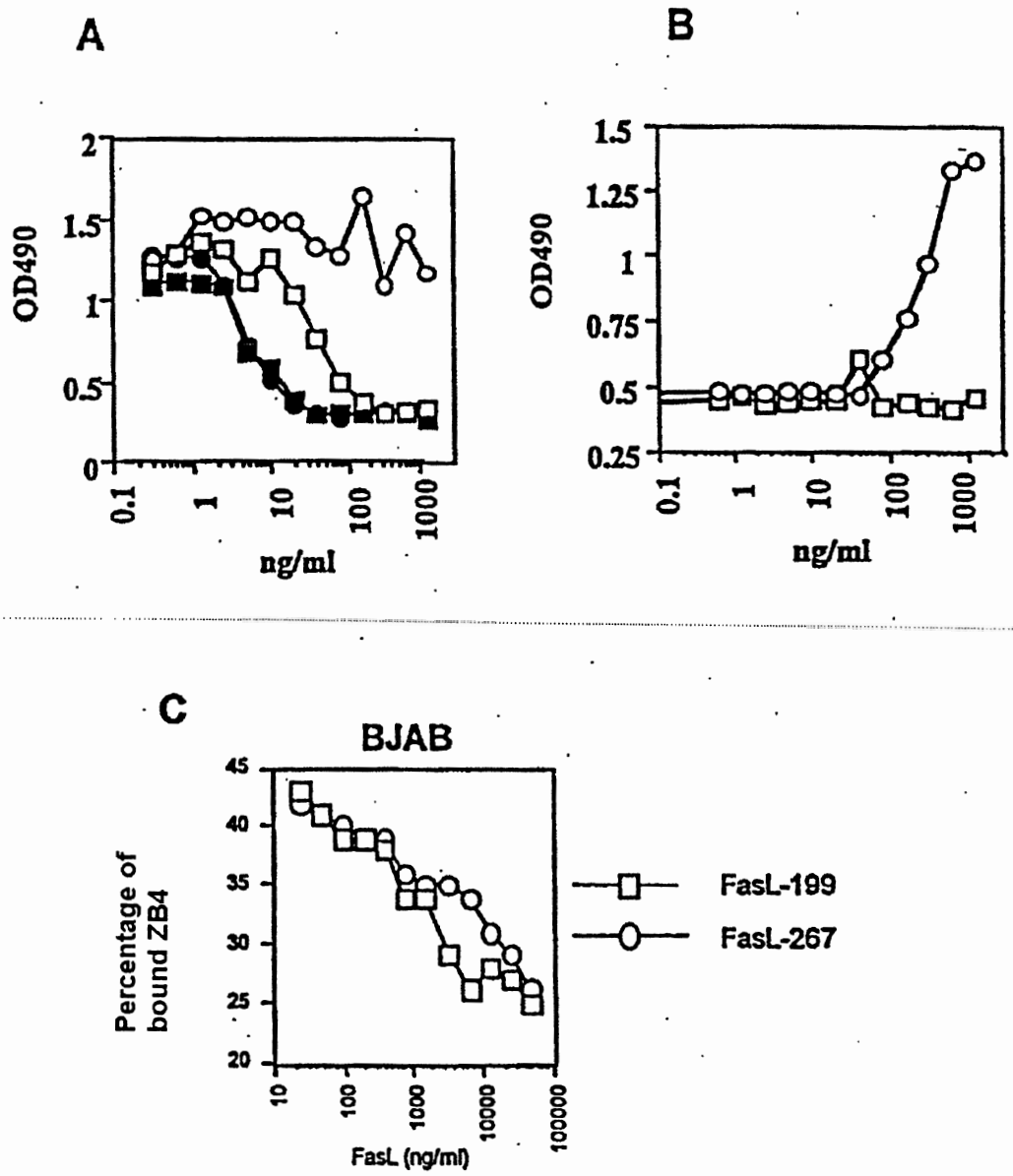

Flag
Linker
Specific linker
hFasL aa103-139
hFasL aa139-281
ApoFasL-060
Disulfide bridge
mACRP30 aa 18-111
ApoFasL-199
mACRP30 aa 44-111
ApoFasL-257
LQ
Linker

Figure 2


A
OD490
2
1.5
1
0.5
0
0.1
1
10
100
1000
ng/ml
B
OD490
1.5
1.25
1
0.75
0.5
0.25
0.1
1
10
100
1000
ng/ml
C
BJAB
Percentage of bound ZB4
45
40
35
30
25
20
10
100
1000
10000
100000
FasL (ng/ml)
FasL-199
FasL-267

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Figure 3

Liver damage induced by Jo2 (anti-Fas antibody)

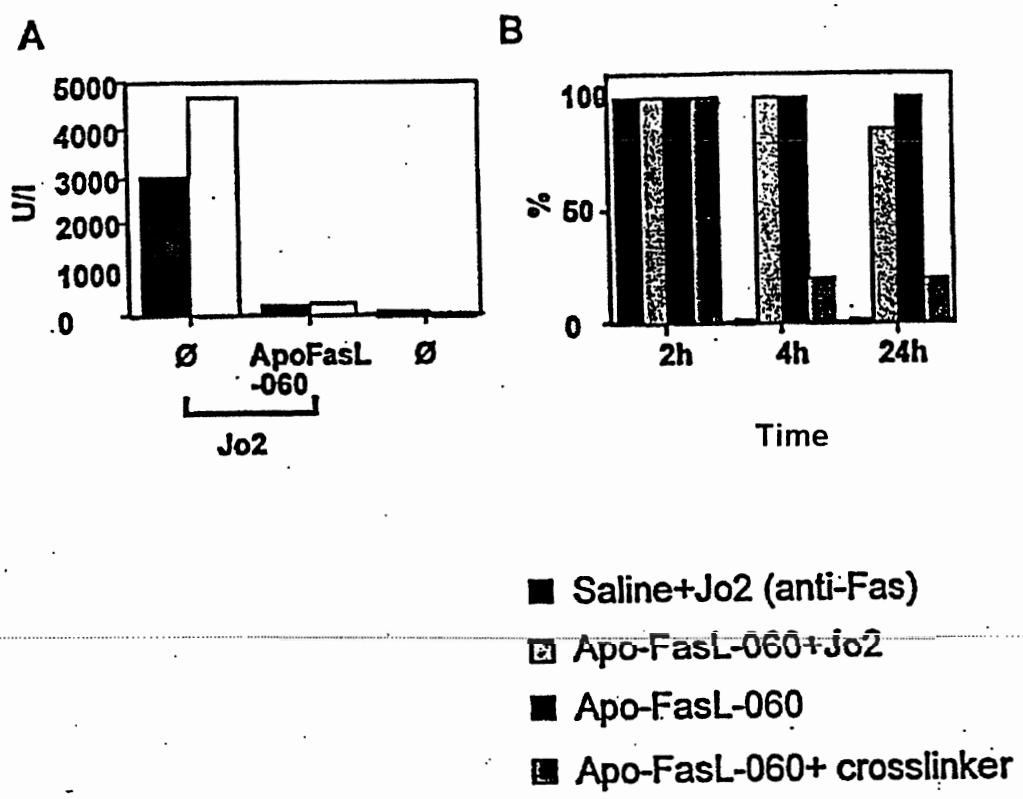
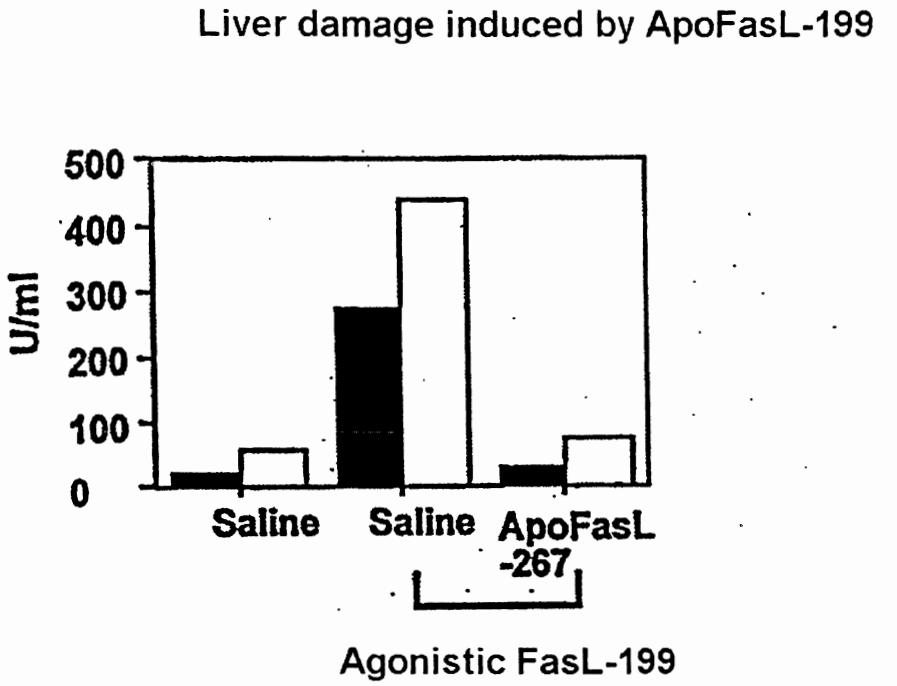
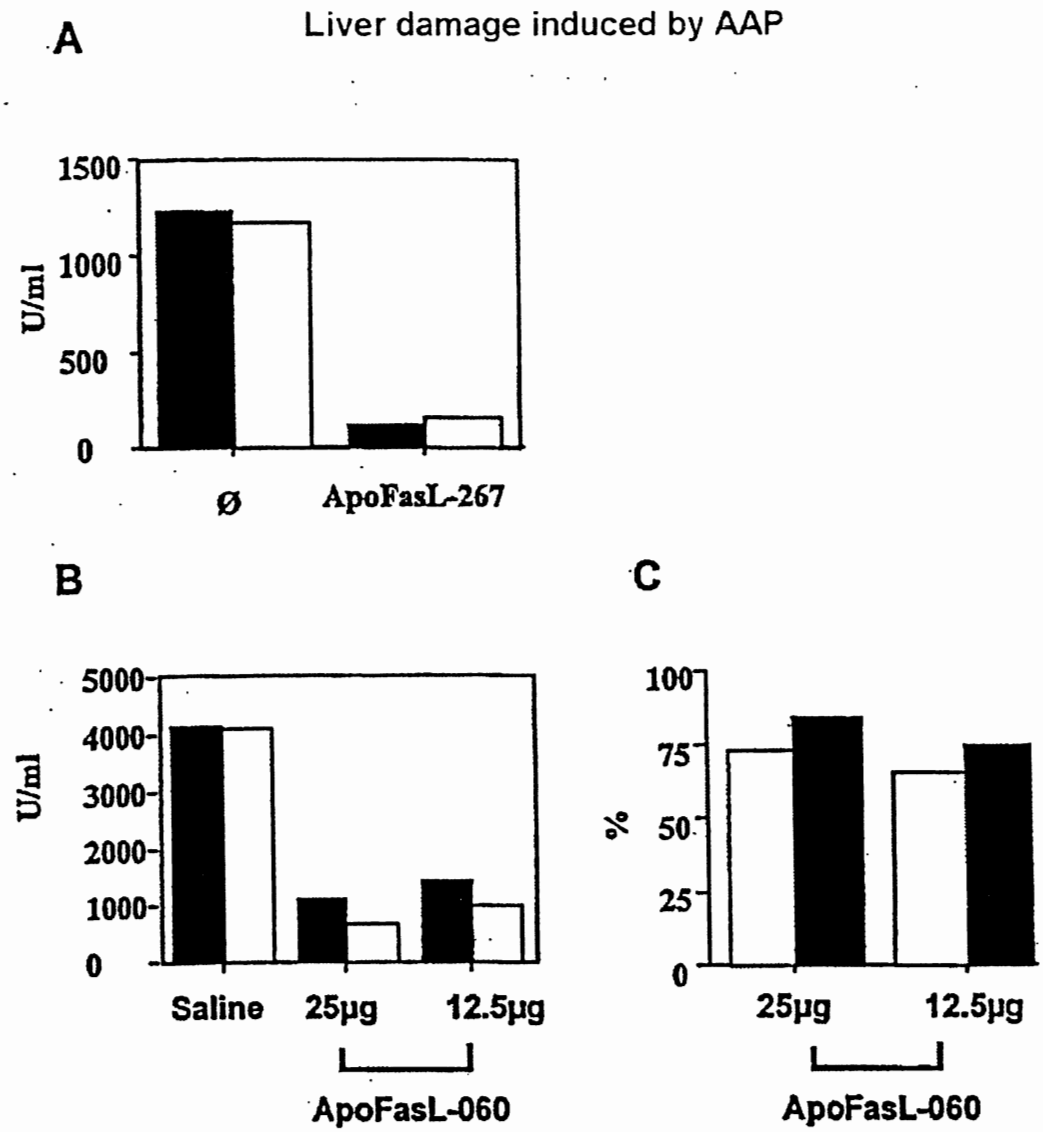


Figure 4


Liver damage induced by ApoFasL-199
500
400
300
200
100
0
U/ml
Saline
Saline
ApoFasL
-267
Agonistic FasL-199

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Figure 5



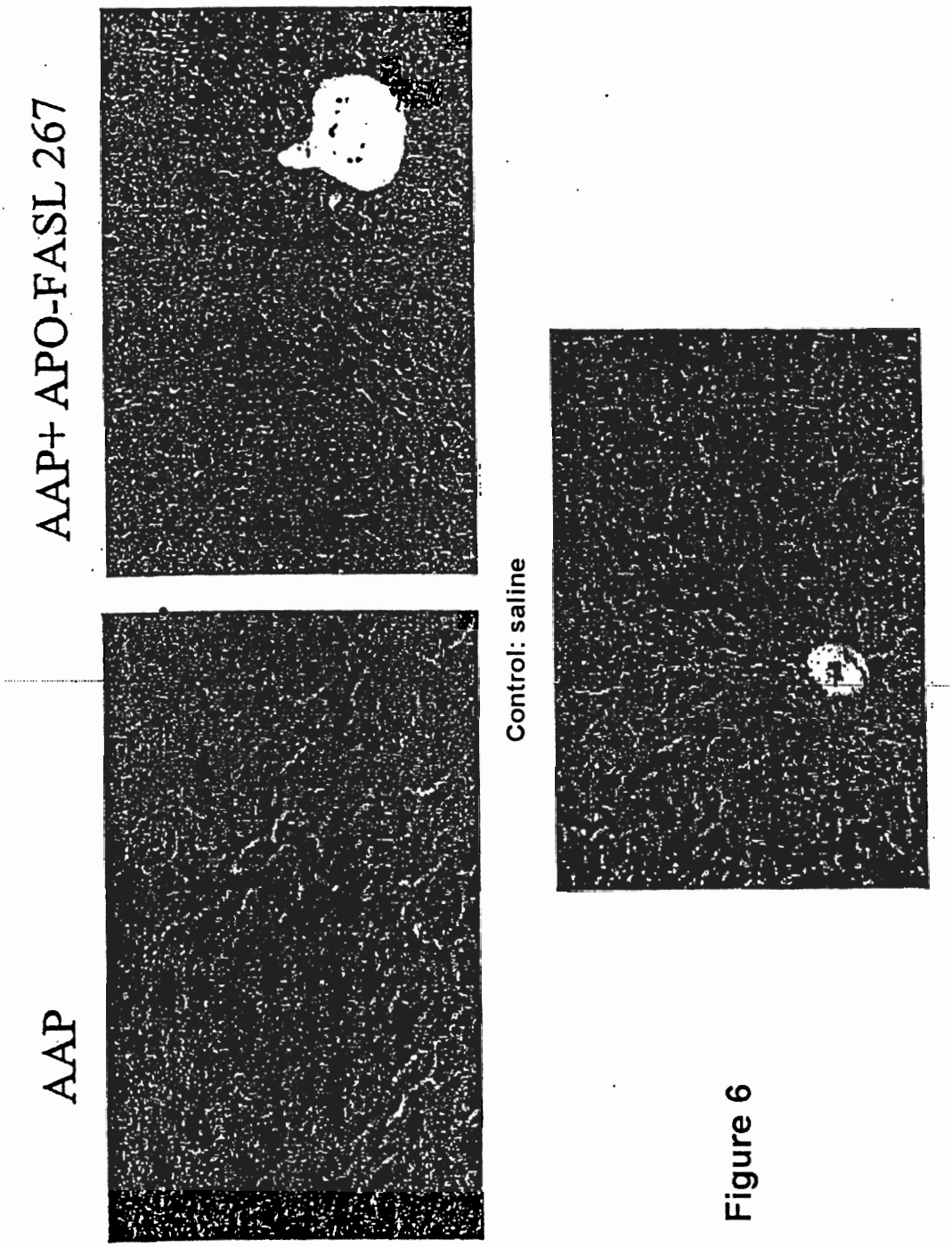


Figure 6

Figure 7

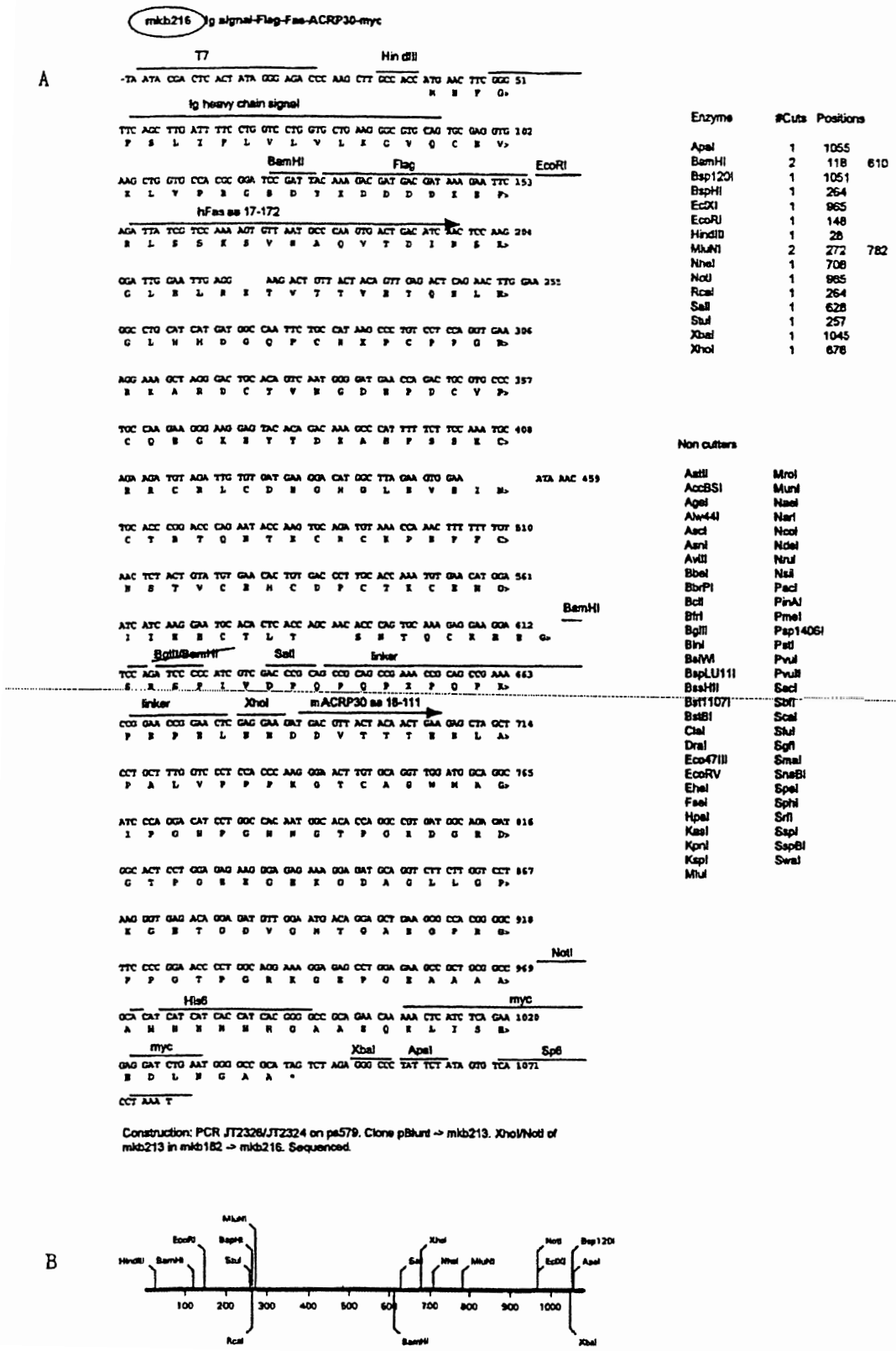
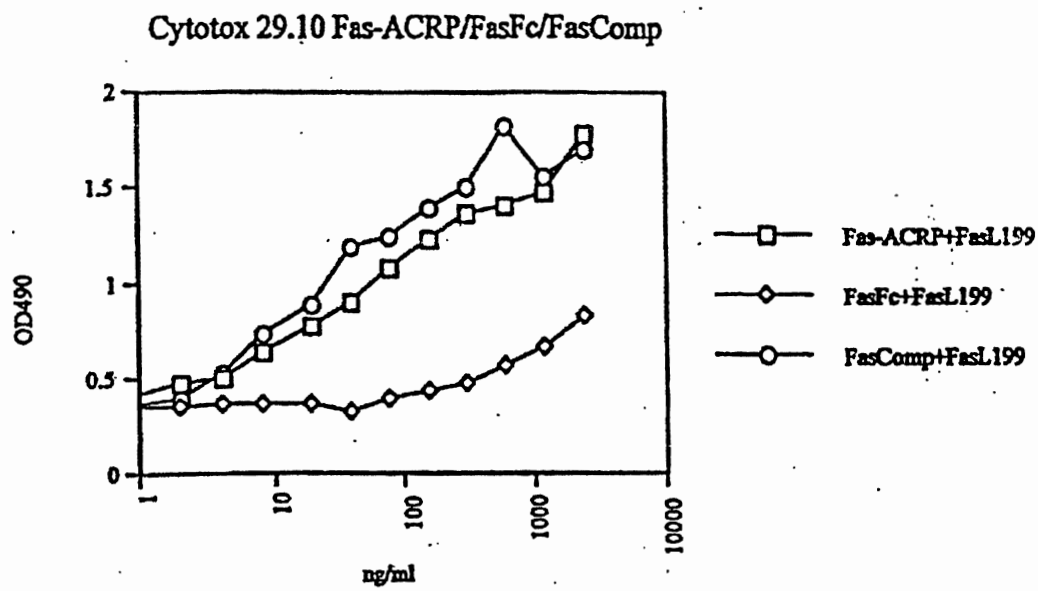

mkb216
Ig signal-Flag-Fas-ACRP30-myc
A
T7
Hin dIII
Ig heavy chain signal
BamHI
Flag
EcoRI
hFas aa 17-172
BamHI
BglII/BamHI
SalI
linker
linker
XhoI
mACRP30 aa 18-111
NotI
His6
myc
myc
XbaI
ApaI
Sp6
Construction: PCR JT2326/JT2324 on pa579. Clone pBlunt -> mkb213. XhoI/NotI of mkb213 in mkb182 -> mkb216. Sequenced.
Enzyme #Cuts Positions
ApaI 1 1055
BamHI 2 118 610
Bsp120I 1 1051
BspHI 1 264
EcoXI 1 965
EcoRI 1 148
HindIII 1 28
MluNI 2 272 782
NheI 1 708
NotI 1 965
RcaI 1 264
SalI 1 628
StuI 1 257
XbaI 1 1045
XhoI 1 676
Non cutters
AatII
AccBSI
AgeI
Alw44I
AscI
AsnI
AvrII
BbeI
BbrPI
BclI
BfrI
BglII
BlnI
BsiWI
BspLU11I
BssHII
BstI1107I
BstBI
ClaI
DraI
Eco47III
EcoRV
EheI
FseI
HpaI
KasI
KpnI
KspI
MfeI
MroI
MunI
NaeI
NarI
NcoI
NdeI
NruI
NsiI
PacI
PinAI
PmeI
Psp1406I
PstI
PvuI
PvuII
SacI
SbfI
ScaI
StuI
SgfI
SmaI
SnaBI
SpeI
SphI
SrfI
SspI
SspBI
SwaI
B
MluNI
EcoRI
BspHI
HindIII
BamHI
StuI
XhoI
SalI
NheI
MluNI
NotI
EcoO1
Bsp120I
ApaI
100
200
300
400
500
600
700
800
900
1000
RcaI
BamHI
XbaI

Figure 8


Cytotox 29.10 Fas-ACRP/FasFc/FasComp
OD490
2
1.5
1
0.5
0
1
10
100
1000
10000
ng/ml
Fas-ACRP+FasL199
FasFc+FasL199
FasComp+FasL199