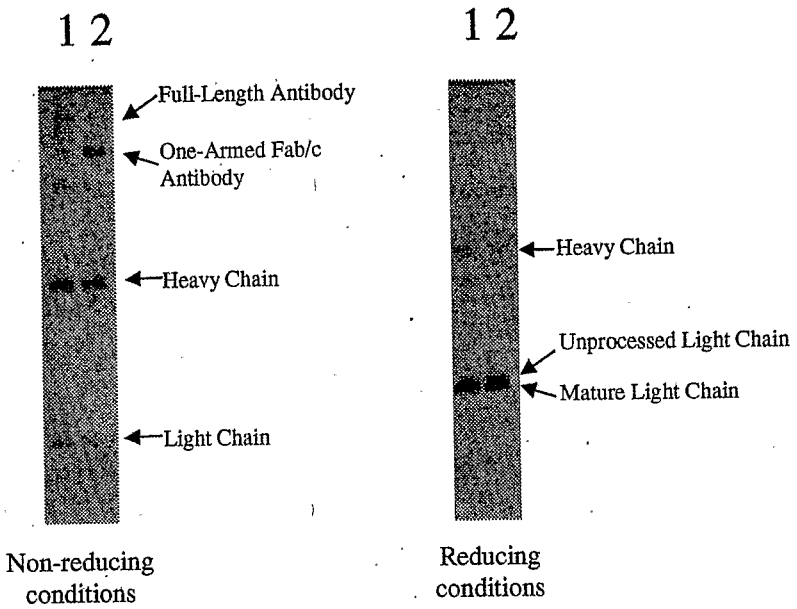
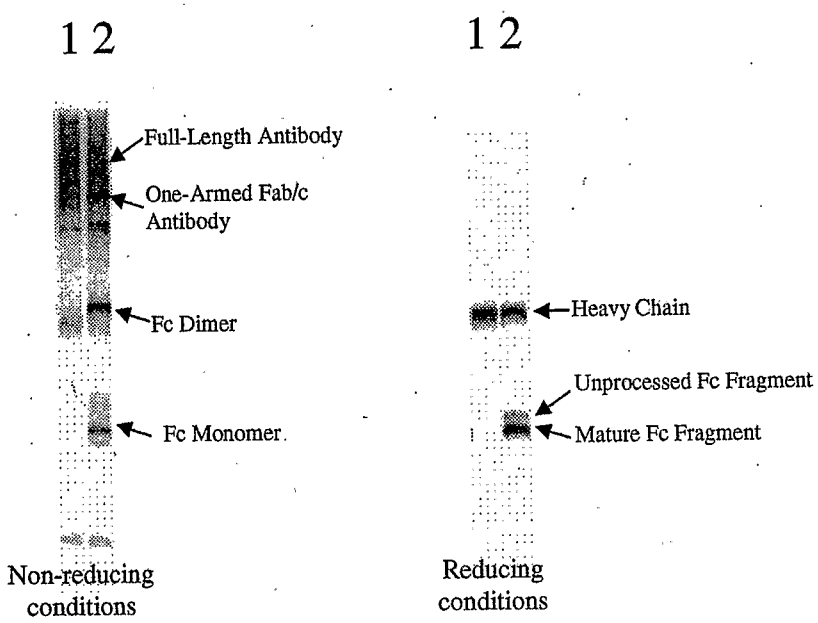
FIG._1



Anti-Fab Western Blot Analysis

1) anti-c-Met FL (pxcM11C)
2) anti-c-Met - Fc (pxcM11C-Fc)

FIG. 2



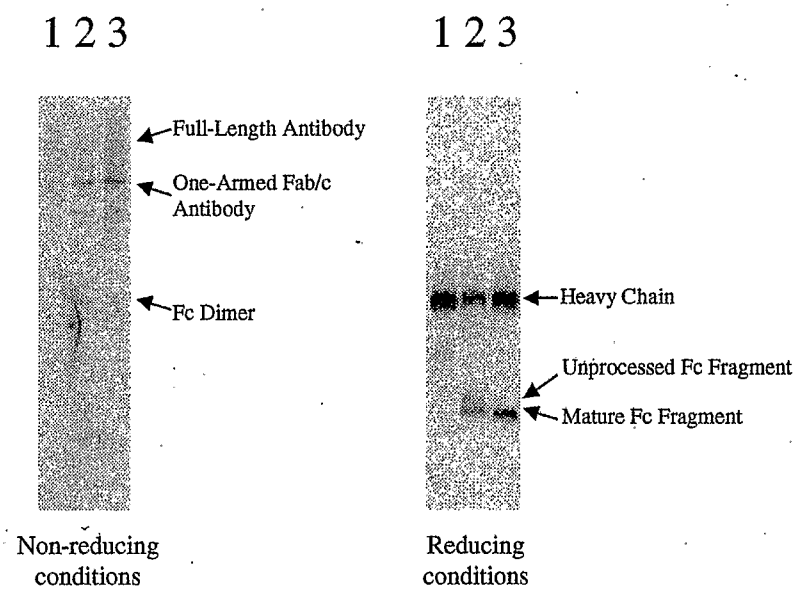
Anti-Fc Western Blot Analysis

1) anti-c-Met FL (pxcM11C)
2) anti-c-Met - Fc (pxcM11C-Fc)

FIG. 3


1 2 3
Full-Length Antibody
One-Armed Fab/c Antibody
Non-reducing conditions
1 2 3
Heavy Chain
Unprocessed Light Chain
Mature Light Chain
Reducing conditions
Anti-Fab Western Blot Analysis
1) anti-c-Met FL (pxcM11C)
2) anti-c-Met - Fc (pxcM11C-Fc)
3) anti-c-Met.Hole-Fc.Knob (pxcM11C.H-Fc.K)

FIG. 4



Anti-Fc Western Blot Analysis

1) anti-c-Met FL (pxcM11C)
2) anti-c-Met - Fc (pxcM11C-Fc)
3) anti-c-Met.Hole-Fc.Knob (pxcM11C.H-Fc.K)

FIG._5

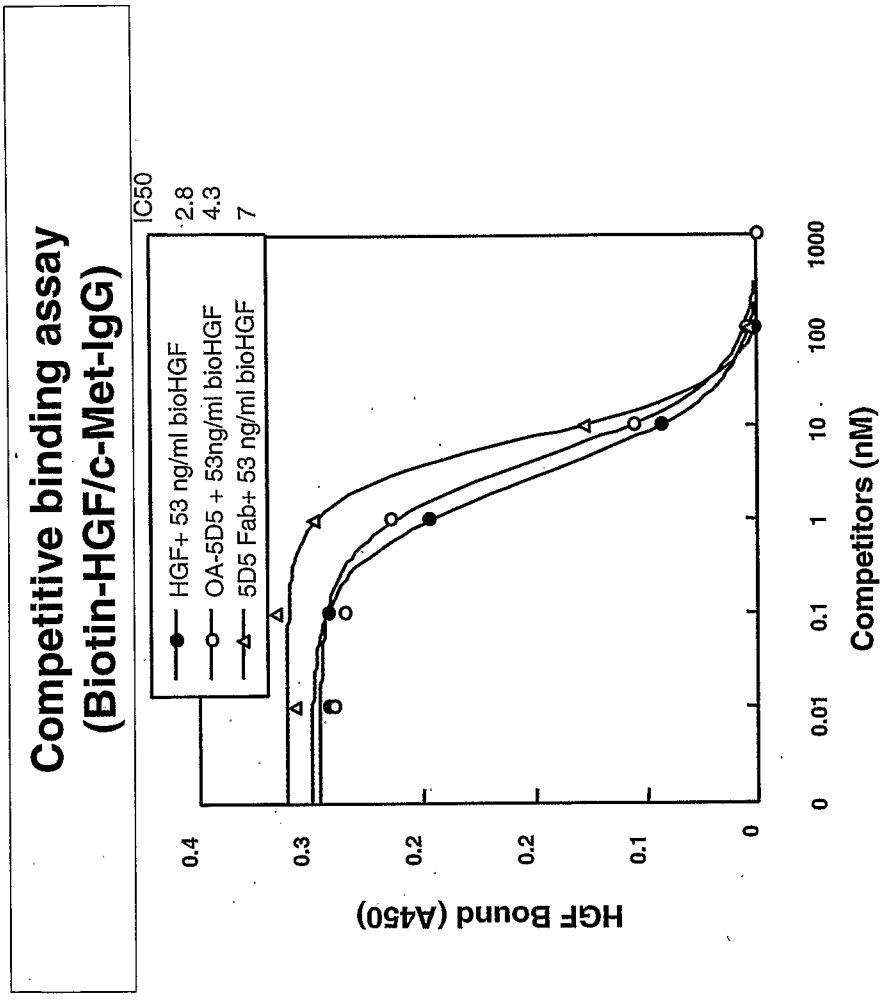

Competitive binding assay
(Biotin-HGF/c-Met-IgG)
IC50
2.8
4.3
7
HGF+ 53 ng/ml bioHGF
OA-5D5 + 53ng/ml bioHGF
5D5 Fab+ 53 ng/ml bioHGF
HGF Bound (A450)
0.4
0.3
0.2
0.2
0.1
0
0
0.01
0.1
1
10
100
1000
Competitors (nM)

FIG._6. U87 Cells, KIRA Assay

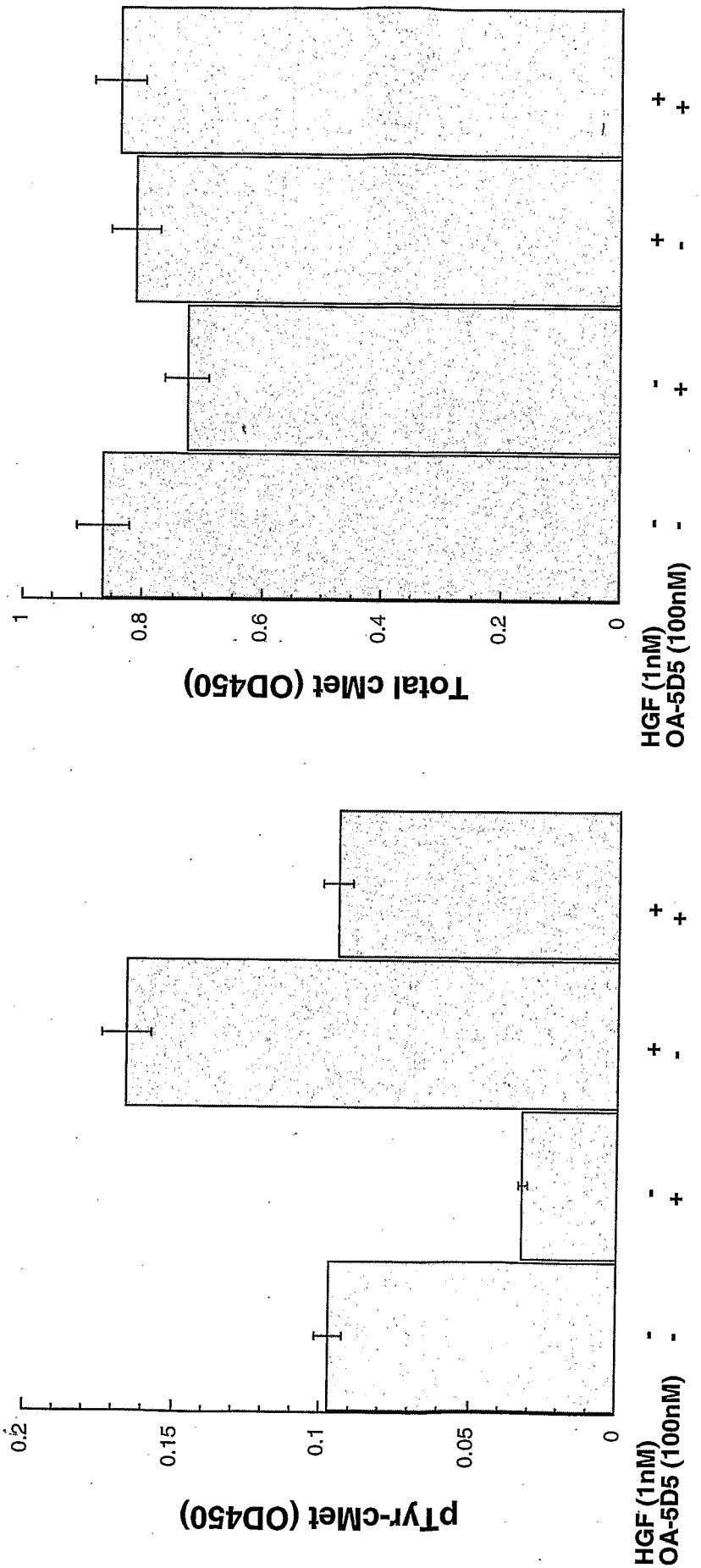


FIG._7. One-Armed 5D5 blocks HGF-, but not IL-3 Induced Proliferation in BaF3-hMet cells

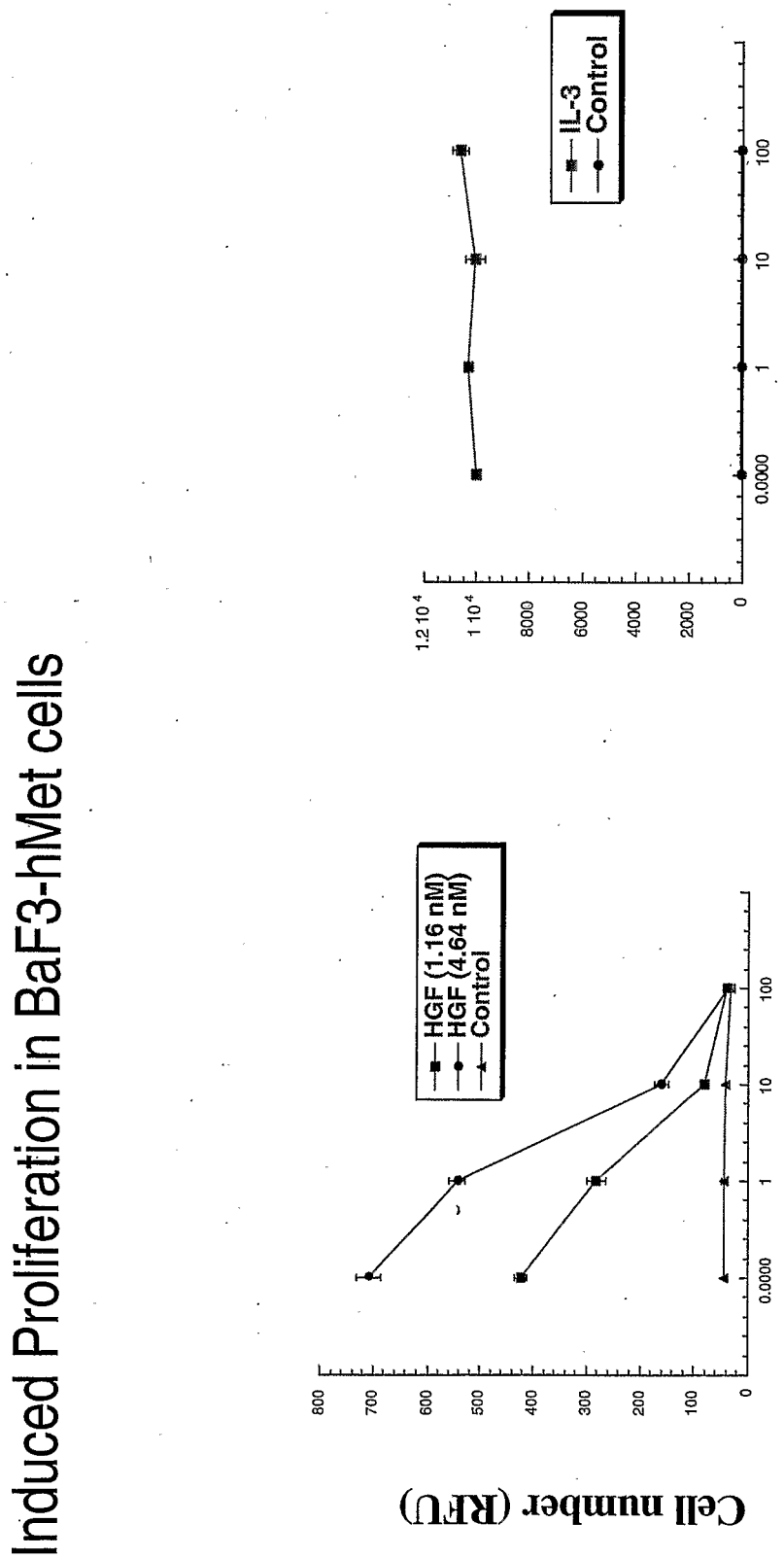


FIG._8

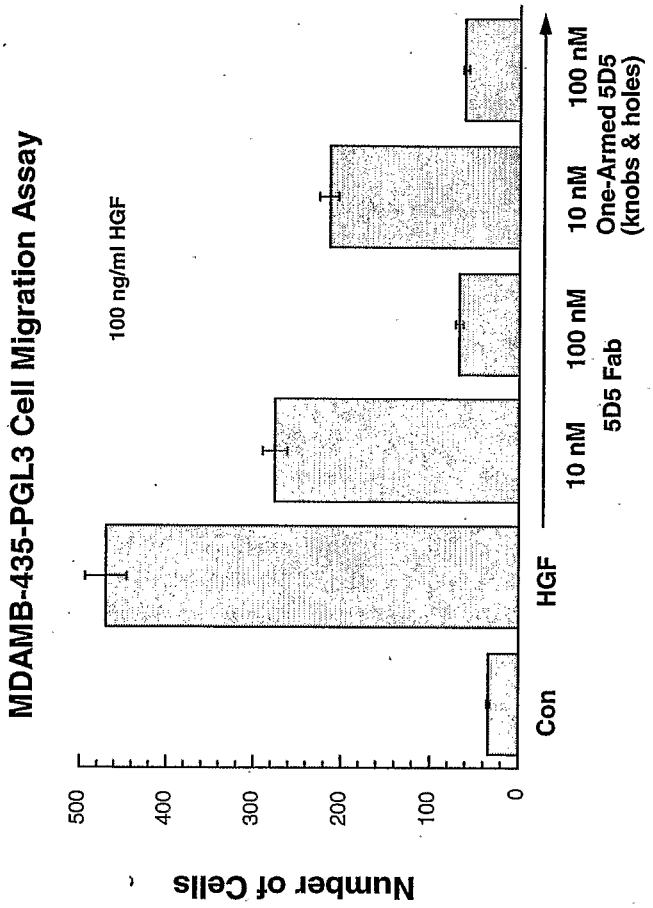

Migration assay
(Boyden Chamber)
MDAMB-435-PGL3 Cell Migration Assay
100 ng/ml HGF
Number of Cells
500
400
300
200
100
0
Con
HGF
10 nM
100 nM
5D5 Fab
10 nM
100 nM
One-Armed 5D5
(knobs & holes)

FIG._9A

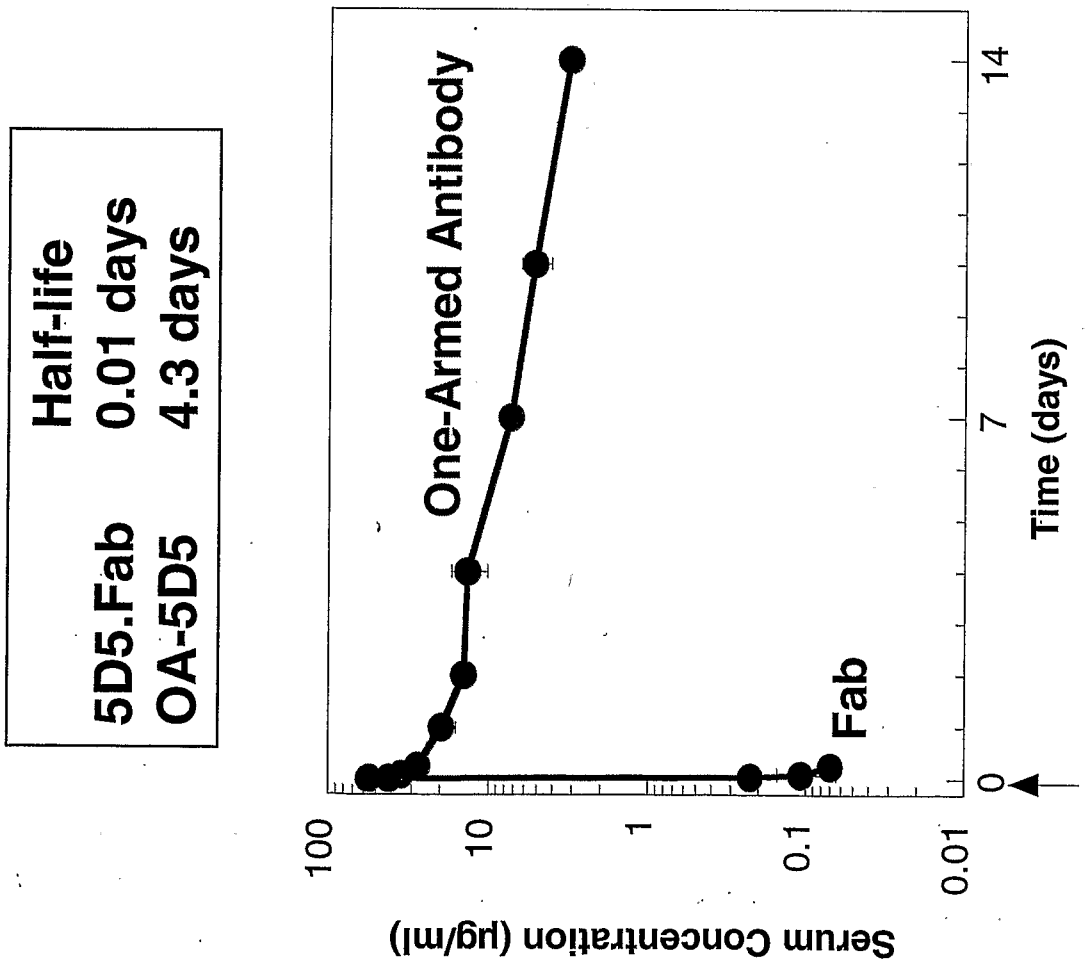

Half-life
5D5.Fab 0.01 days
OA-5D5 4.3 days
One-Armed Antibody
Fab
Serum Concentration (µg/ml)
100
10
1
0.1
0.01
0
7
14
Time (days)

FIG._9B

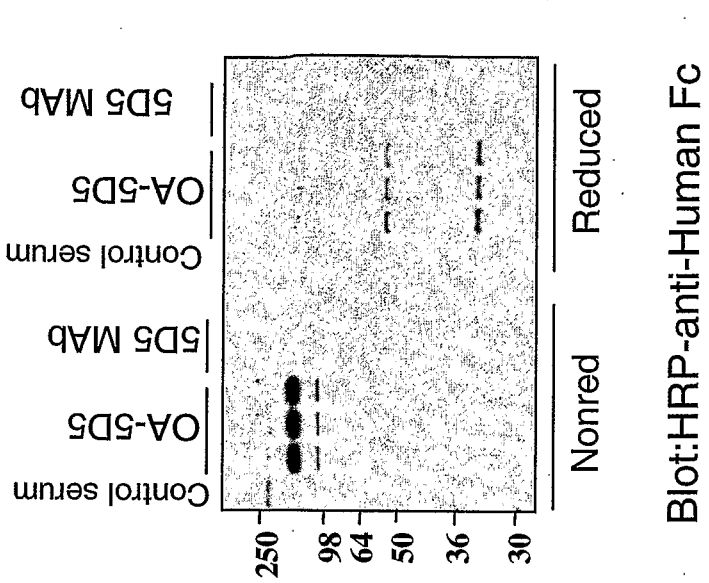

Serum OA-5D5 on Day 7 is Intact
Control serum
OA-5D5
5D5 MAb
Control serum
OA-5D5
5D5 MAb
250
98
64
50
36
30
Nonred
Reduced
Blot:HRP-anti-Human Fc

FIG._10B

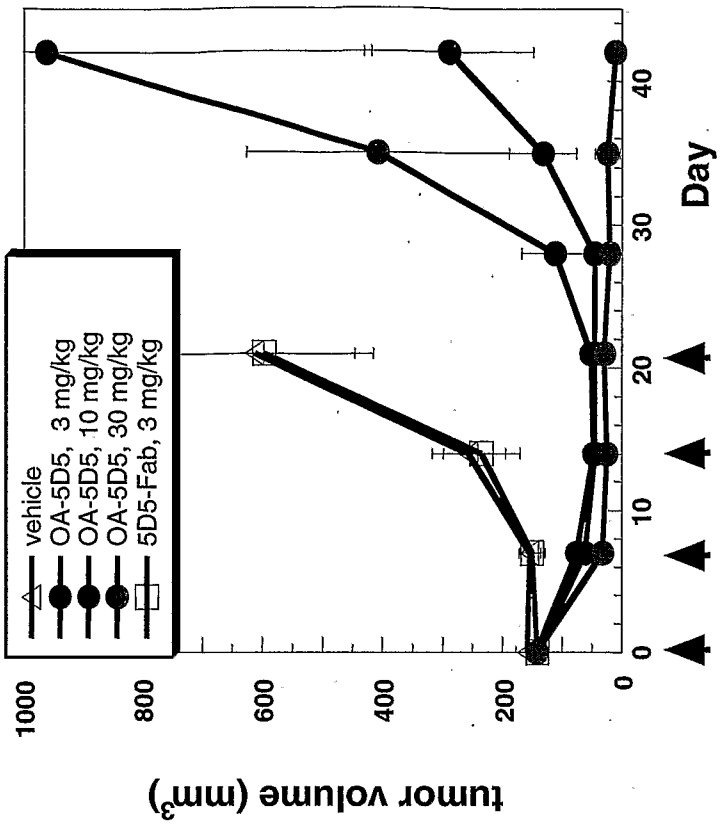


FIG._10A

