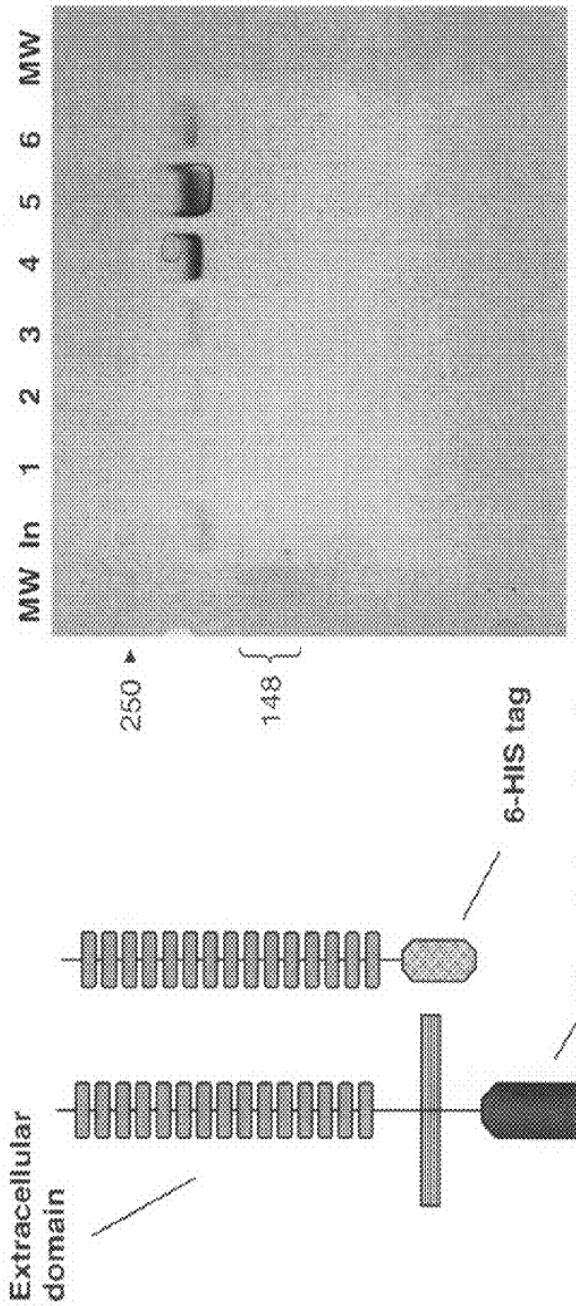

MW
6
5
4
3
2
1
In
MW
250
148
Extracellular domain
6-HIS tag
Phosphatase domain
FN3 repeat
A.
B.

FIGURE 1.

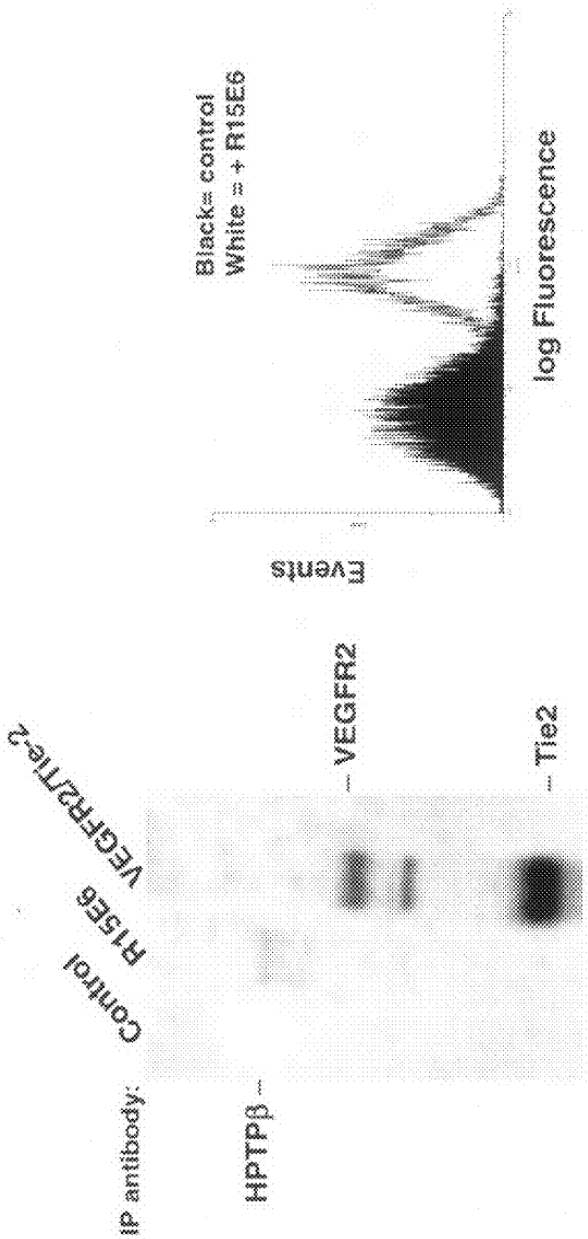

IP antibody:
Control
R15E6
VEGFR2/Tie-2
HPTPβ –
– VEGFR2
– Tie2
A.
Events
Black= control
White = + R15E6
log Fluorescence
B.

FIGURE 2.

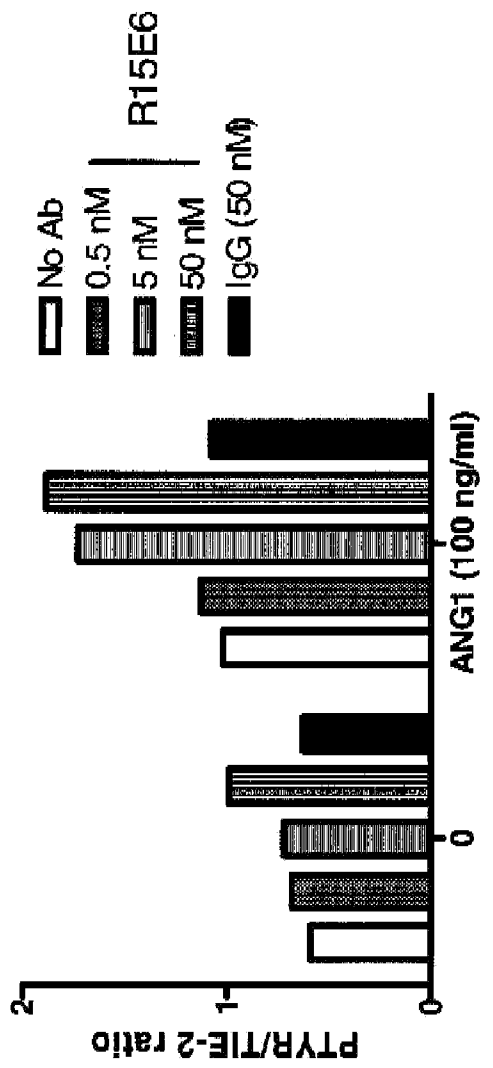

No Ab
0.5 nM
5 nM
50 nM
R15E6
IgG (50 nM)
ANGt (100 ng/ml)
0
1
2
PTYR/TIE-2 ratio

FIGURE 3.

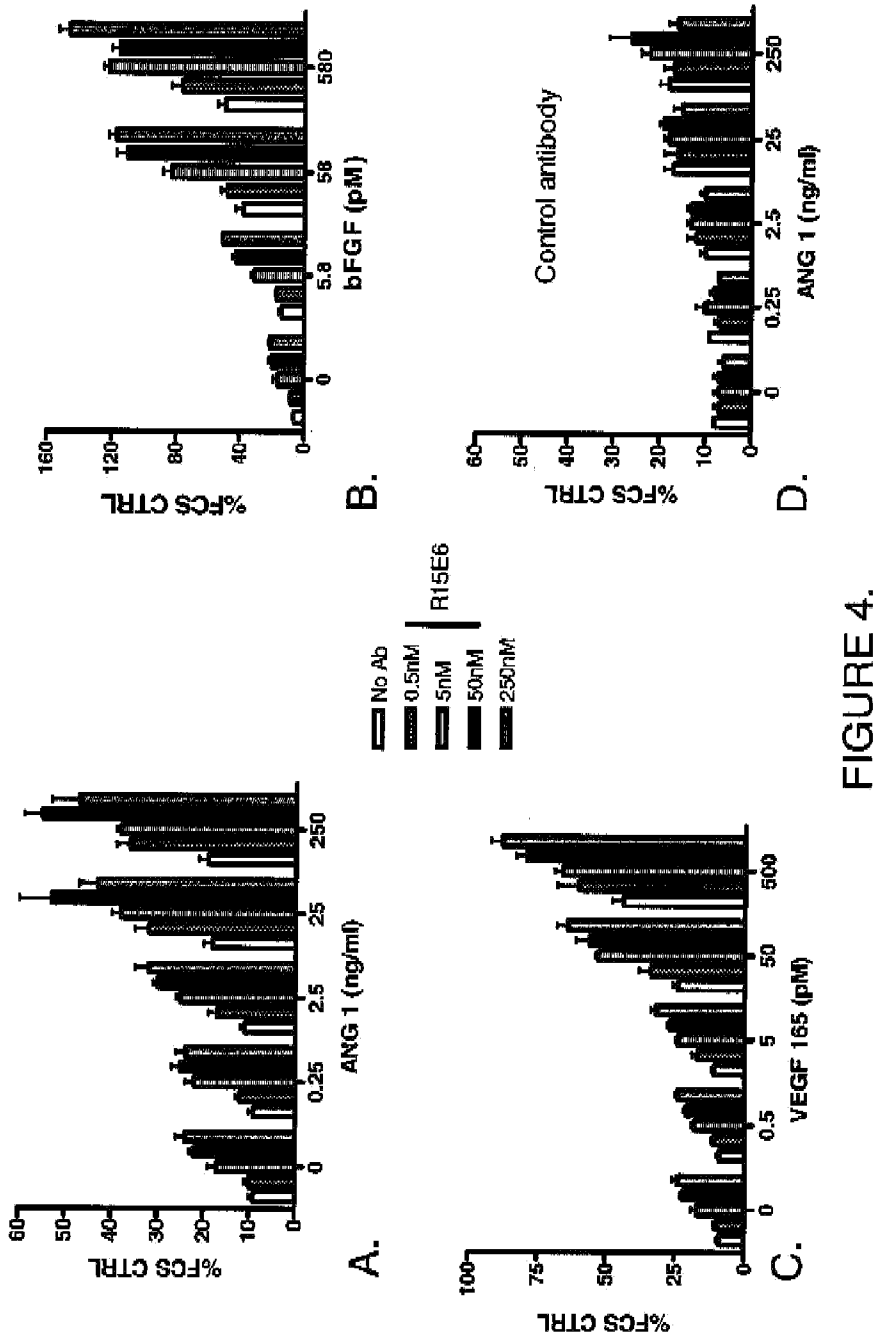

A.
%FCS CTRL
ANG 1 (ng/ml)
B.
%FCS CTRL
bFGF (pM)
C.
%FCS CTRL
VEGF 165 (pM)
D.
Control antibody
%FCS CTRL
ANG 1 (ng/ml)
No Ab
0.5nM
5nM
50nM
250nM
R15E6

FIGURE 4.

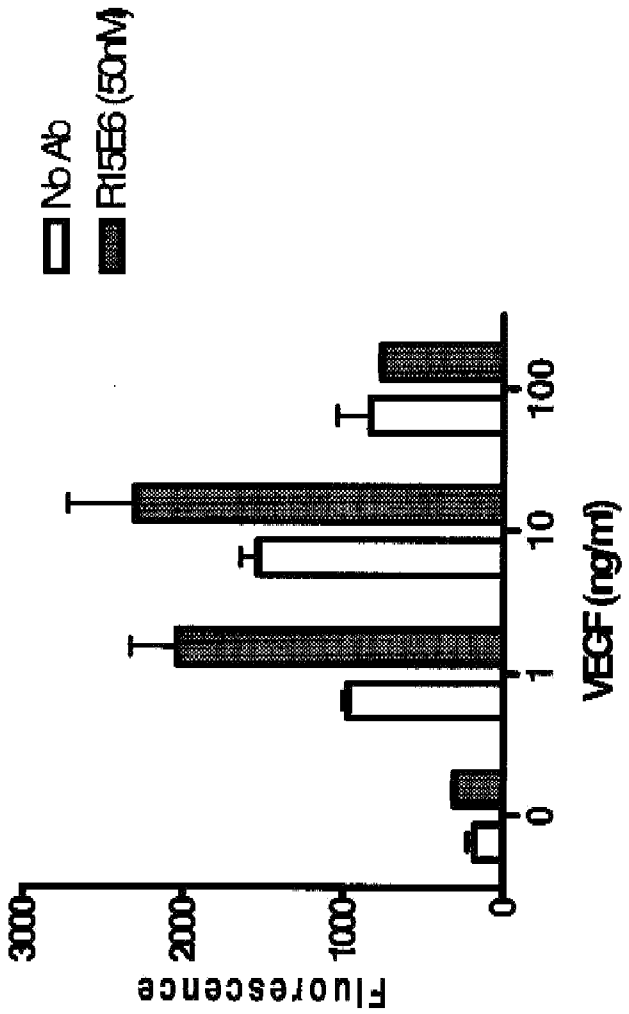

No Ab
R15E6 (50nM)
Fluorescence
3000
2000
1000
0
0
1
10
100
VEGF (ng/ml)

FIGURE 5.

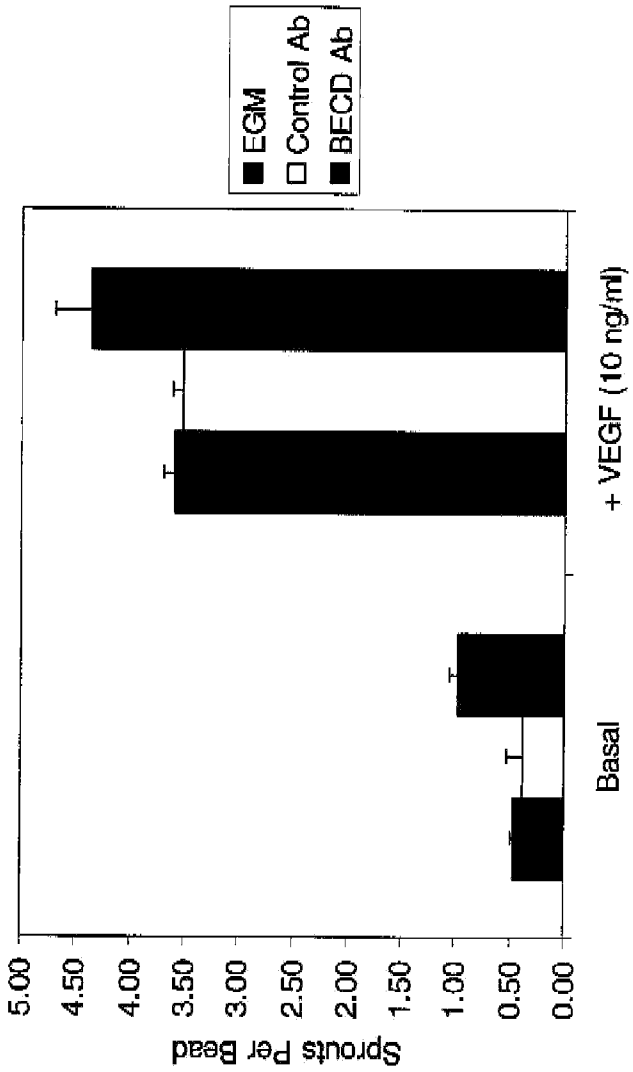

EGM
Control Ab
BECD Ab
Sprouts Per Bead
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Basal
+ VEGF (10 ng/ml)

FIGURE 6.

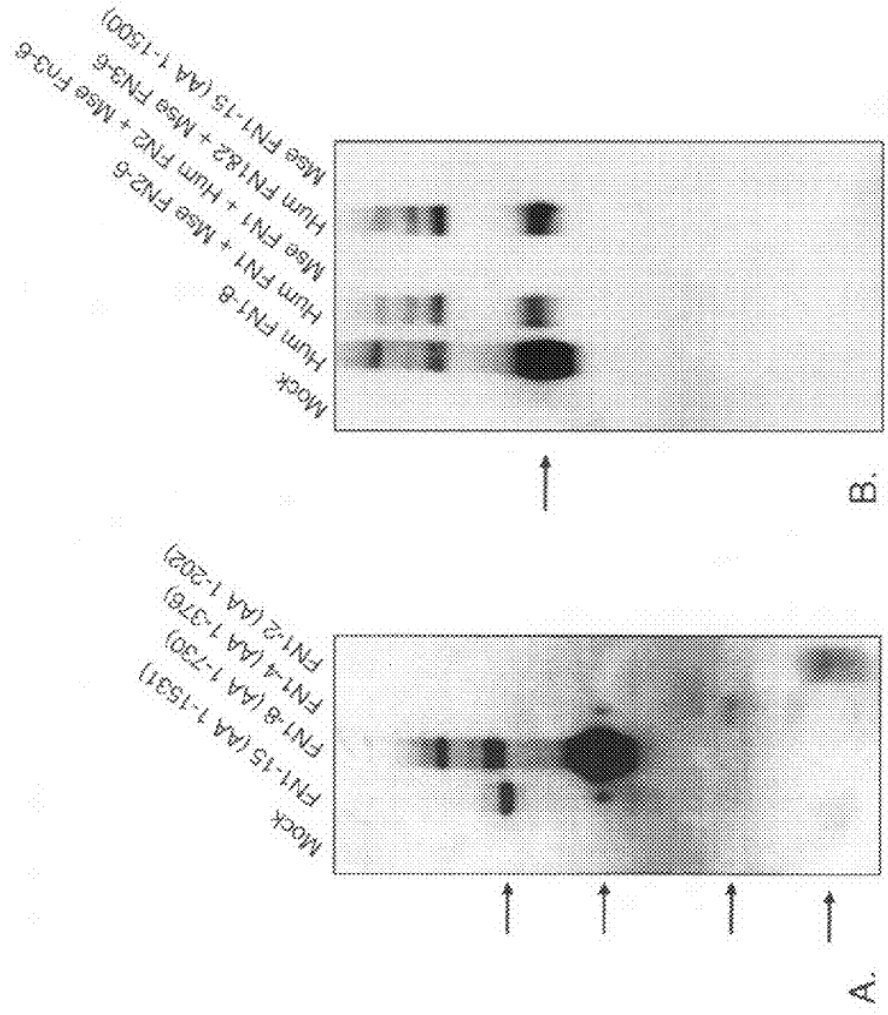

A.
Mock
FN1-15 (AA 1-1531)
FN1-8 (AA 1-750)
FN1-4 (AA 1-376)
FN1-2 (AA 1-202)
B.
Mock
Hum FN1-8
Hum FN1 + Mse FN2-6
Mse FN1 + Hum FN2 + Mse FN3-6
Hum FN1&2 + Mse FN3-6
Mse FN1-15 (AA 1-1500)

FIGURE 7.

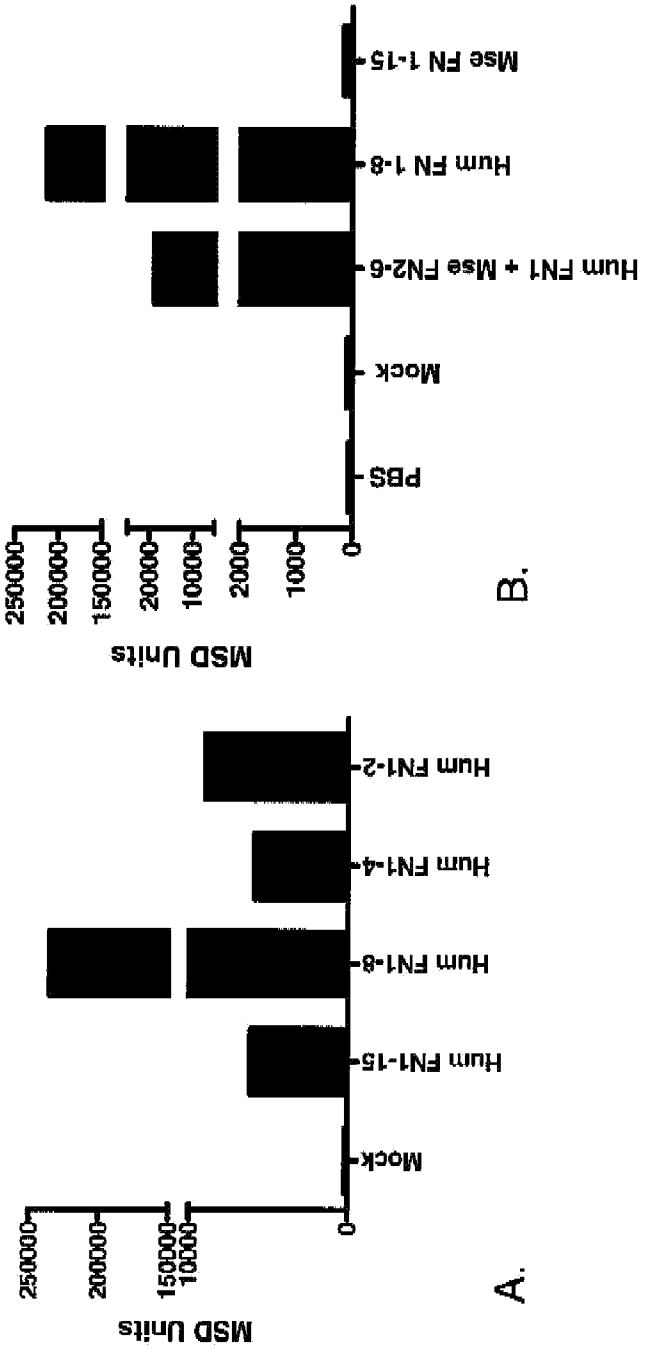

MSD Units
250000
200000
150000
10000
0
Mock
Hum FN1-15
Hum FN1-8
Hum FN1-4
Hum FN1-2
A.
MSD Units
250000
200000
150000
20000
10000
2000
1000
0
PBS
Mock
Hum FN1 + Mse FN2-6
Hum FN 1-8
Mse FN 1-15
B.

FIGURE 8.

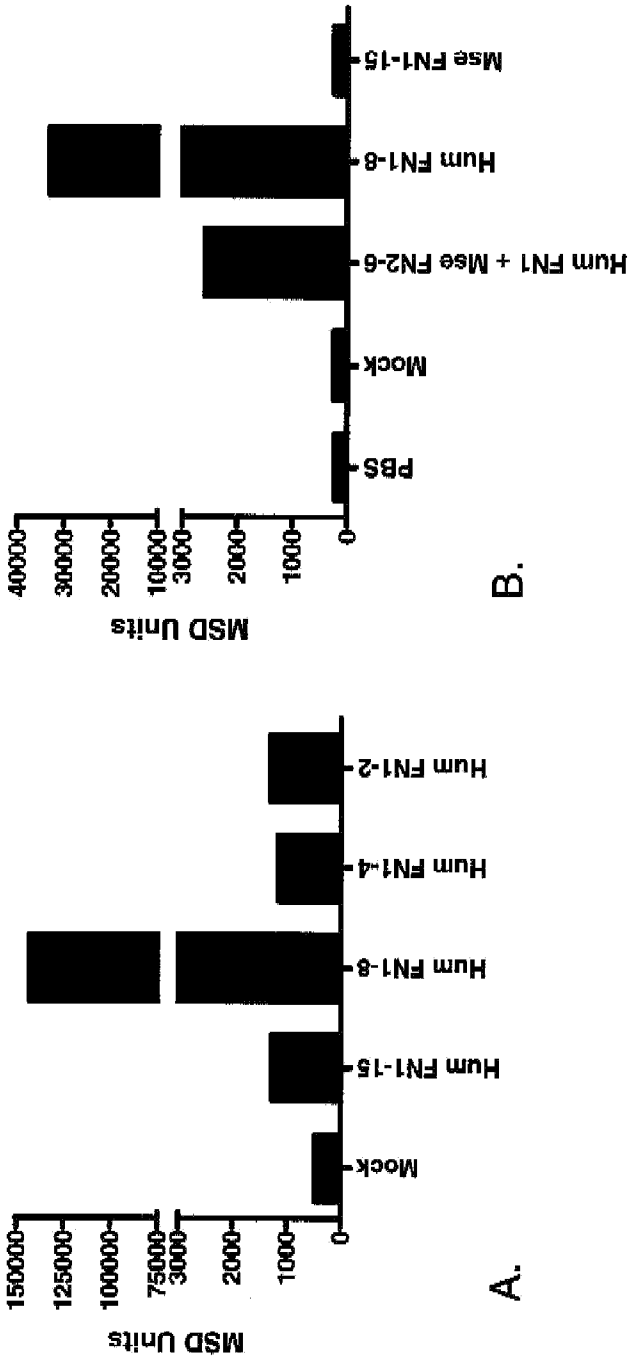

MSD Units
150000
125000
100000
75000
3000
2000
1000
0
Mock
Hum FN1-15
Hum FN1-8
Hum FN1-4
Hum FN1-2
A.
MSD Units
40000
30000
20000
10000
3000
2000
1000
0
PBS
Mock
Hum FN1 + Mse FN2-6
Hum FN1-8
Mse FN1-15
B.

FIGURE 9.

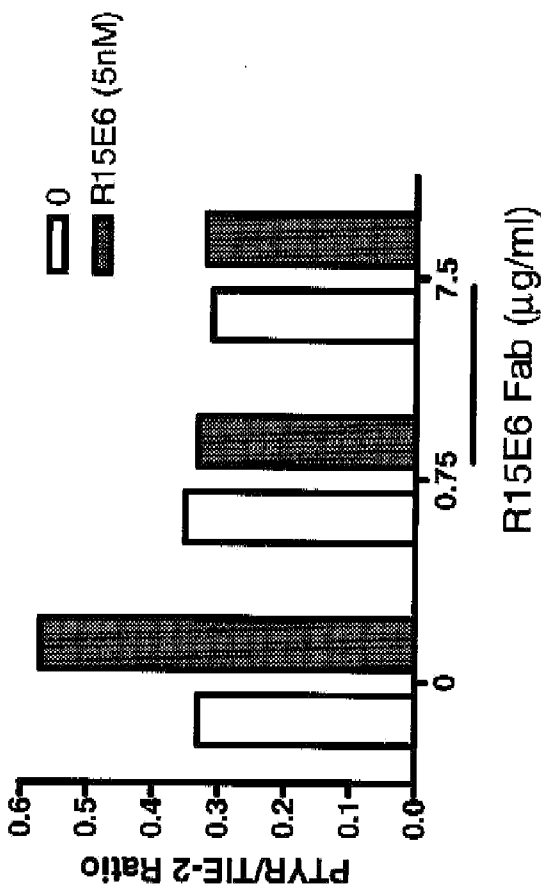

0
R15E6 (5nM)
PTYR/TIE-2 Ratio
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
0.75
7.5
R15E6 Fab (µg/ml)

FIGURE 10.

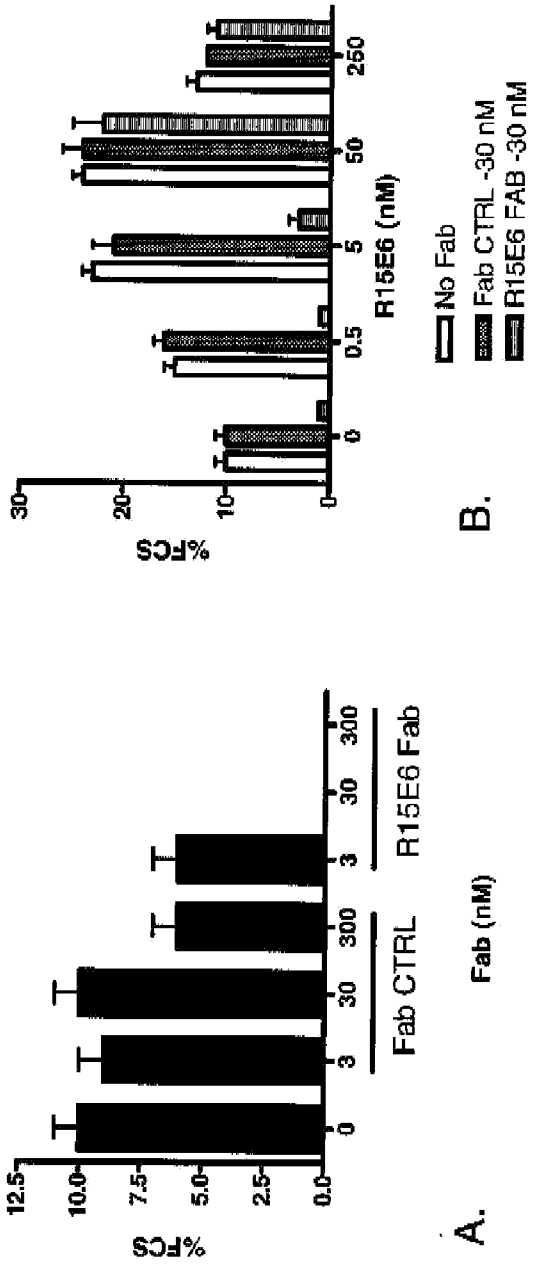

%FCS
12.5
10.0
7.5
5.0
2.5
0.0
0
3
30
300
3
30
300
Fab (nM)
Fab CTRL
R15E6 Fab
A.
%FCS
30
20
10
0
0
0.5
5
50
250
R15E6 (nM)
No Fab
Fab CTRL -30 nM
R15E6 FAB -30 nM
B.

FIGURE 11.

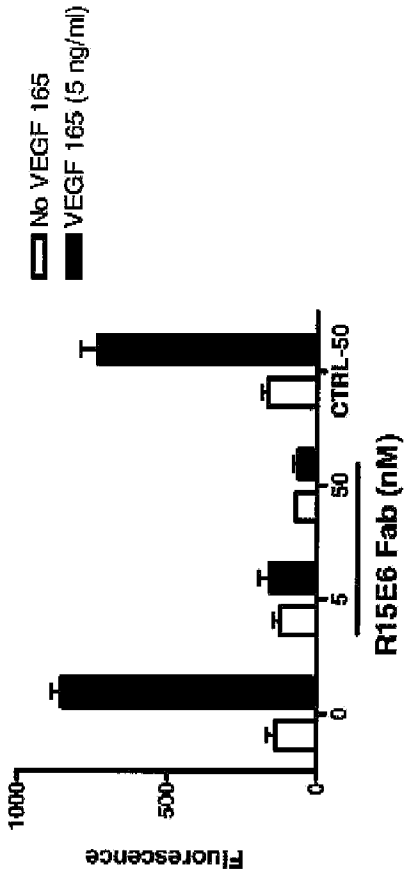

No VEGF 165
VEGF 165 (5 ng/ml)
Fluorescence
1000
500
0
0
5
50
CTRL-50
R15E6 Fab (nM)

FIGURE 12.