FIG. 1

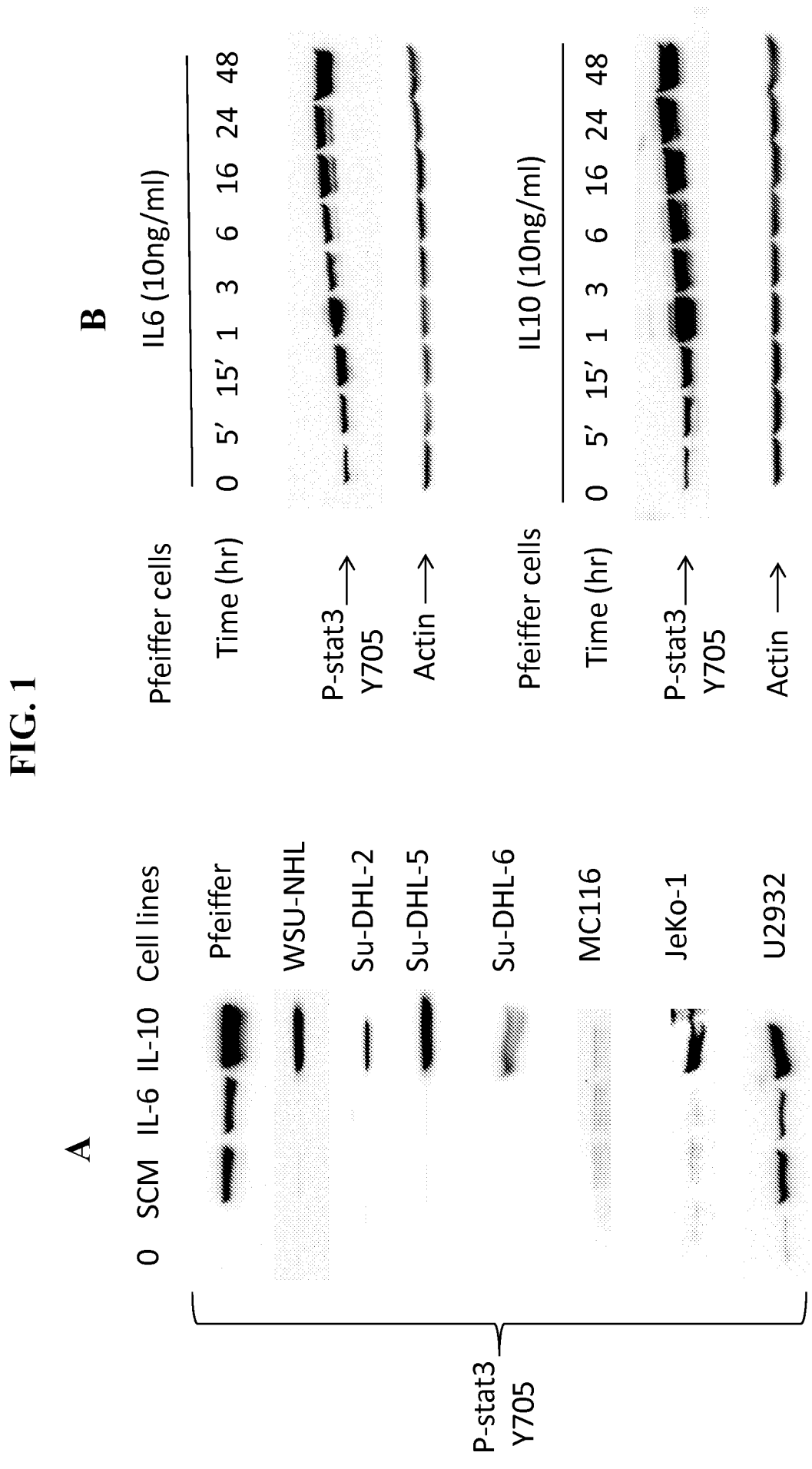
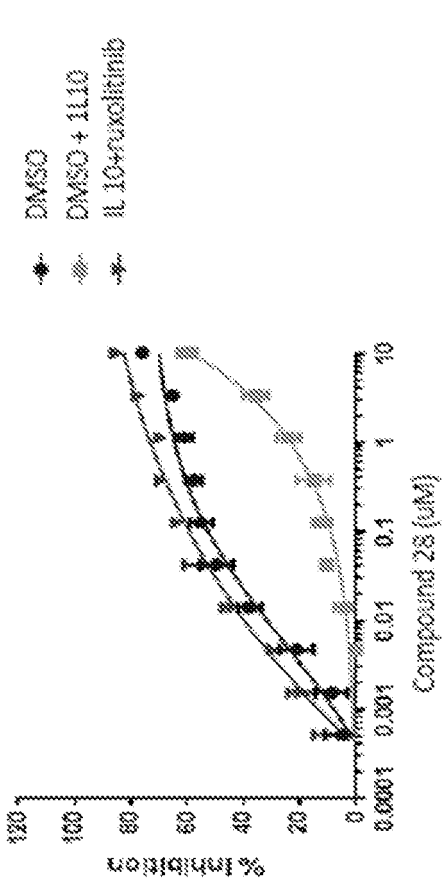
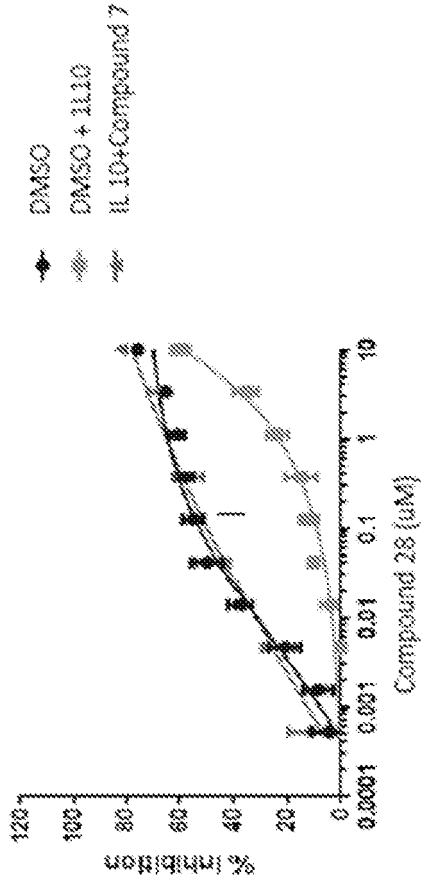

A
0 SCM IL-6 IL-10 Cell lines
Pfeiffer
WSU-NHL
Su-DHL-2
Su-DHL-5
Su-DHL-6
MC116
JeKo-1
U2932
P-stat3
Y705
B
Pfeiffer cells
IL6 (10ng/ml)
Time (hr) 0 5' 15' 1 3 6 16 24 48
P-stat3 Y705
Actin
Pfeiffer cells
IL10 (10ng/ml)
Time (hr) 0 5' 15' 1 3 6 16 24 48
P-stat3 Y705
Actin

FIG. 2


Pfeiffer cells
DMSO
DMSO + 1L10
IL 10+ruxolitinib
% inhibition
Compound 28 (uM)
120
100
80
60
40
20
0
0.0001
0.001
0.01
0.1
1
10

A


Pfeiffer cells
DMSO
DMSO + 1L10
IL 10+Compound 7
% inhibition
Compound 28 (uM)
120
100
80
60
40
20
0
0.0001
0.001
0.01
0.1
1
10

B

FIG. 3

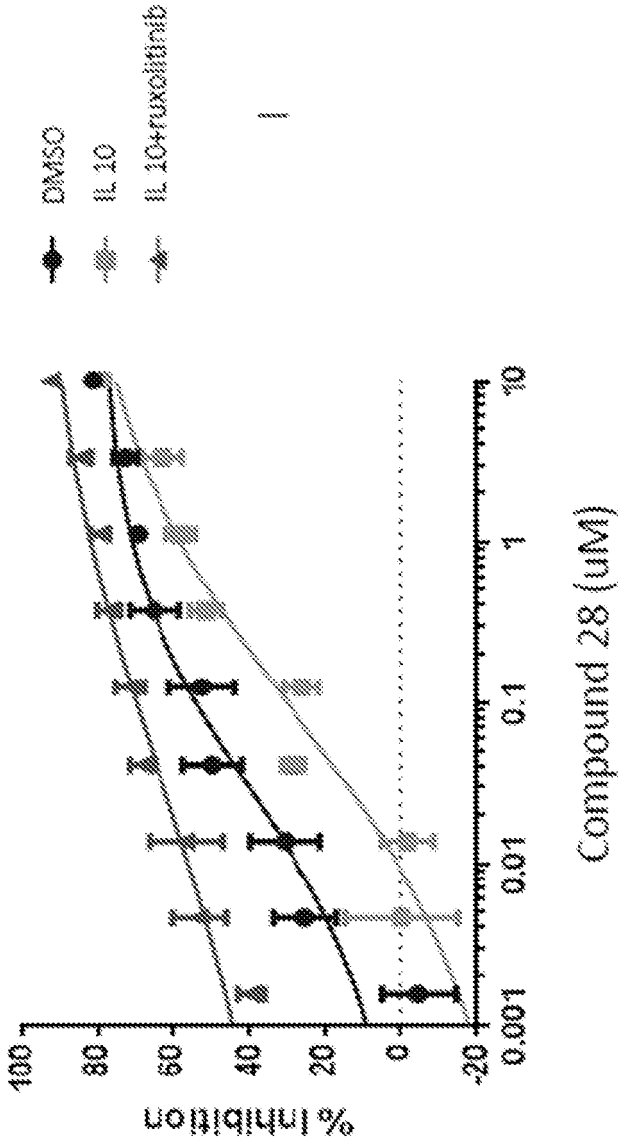

HBL1 cells
DMSO
IL 10
IL 10+ruxolitinib
% Inhibition
100
80
60
40
20
0
-20
0.001
0.01
0.1
1
10
Compound 28 (uM)

FIG. 4

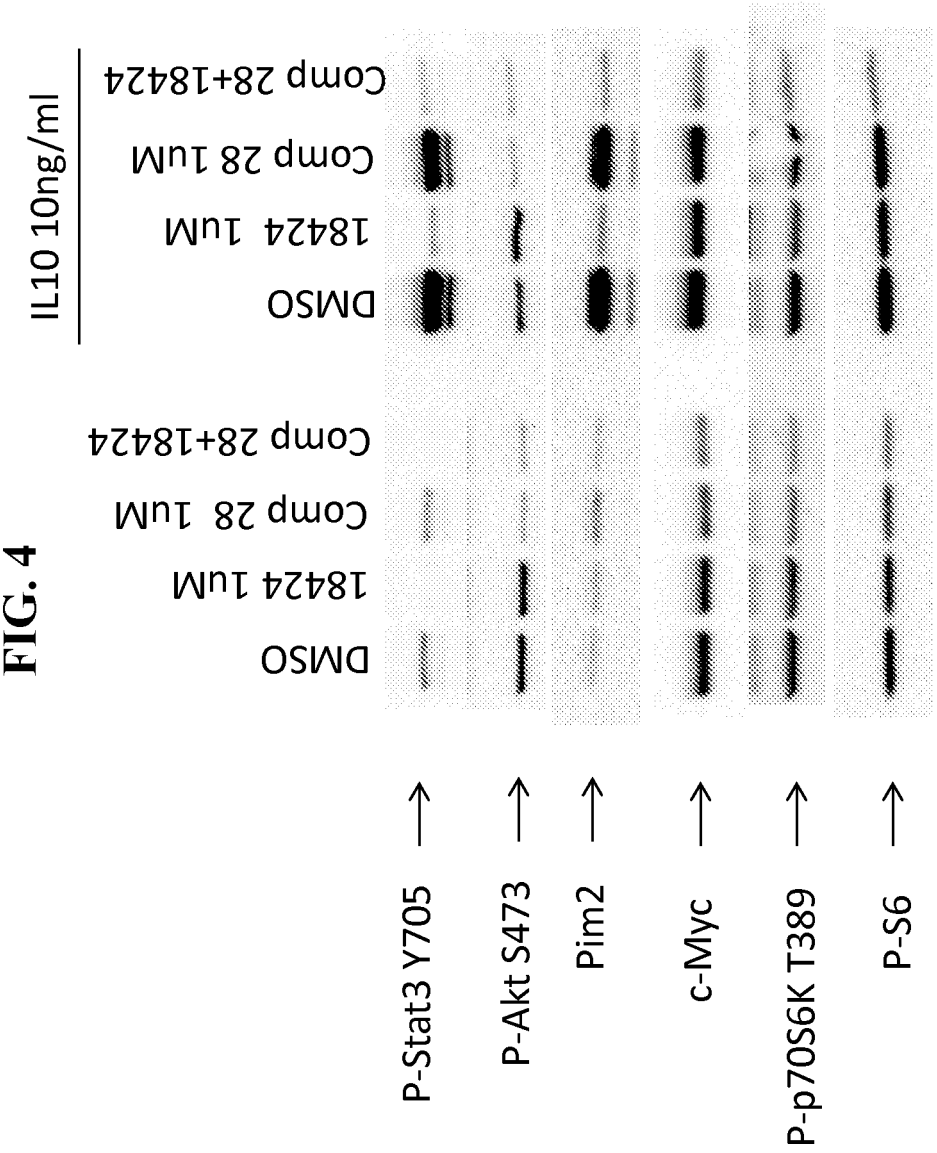

IL10 10ng/ml
DMSO
18424 1uM
Comp 28 1uM
Comp 28+18424
DMSO
18424 1uM
Comp 28 1uM
Comp 28+18424
P-Stat3 Y705
P-Akt S473
Pim2
c-Myc
P-p70S6K T389
P-S6

FIG. 5

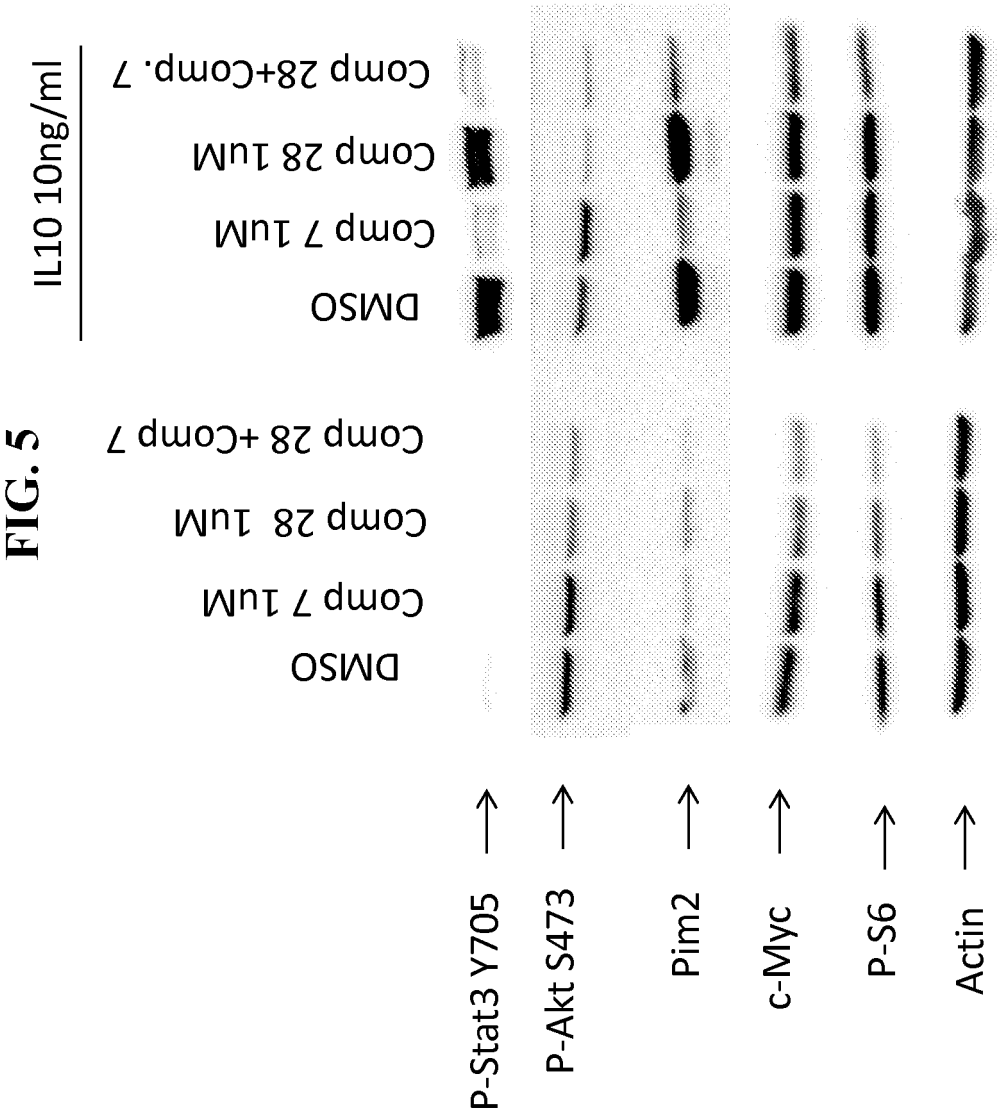

IL10 10ng/ml
DMSO
Comp 7 1uM
Comp 28 1uM
Comp 28+Comp. 7
DMSO
Comp 7 1uM
Comp 28 1uM
Comp 28 +Comp 7
P-Stat3 Y705
P-Akt S473
Pim2
c-Myc
P-S6
Actin

FIG. 6

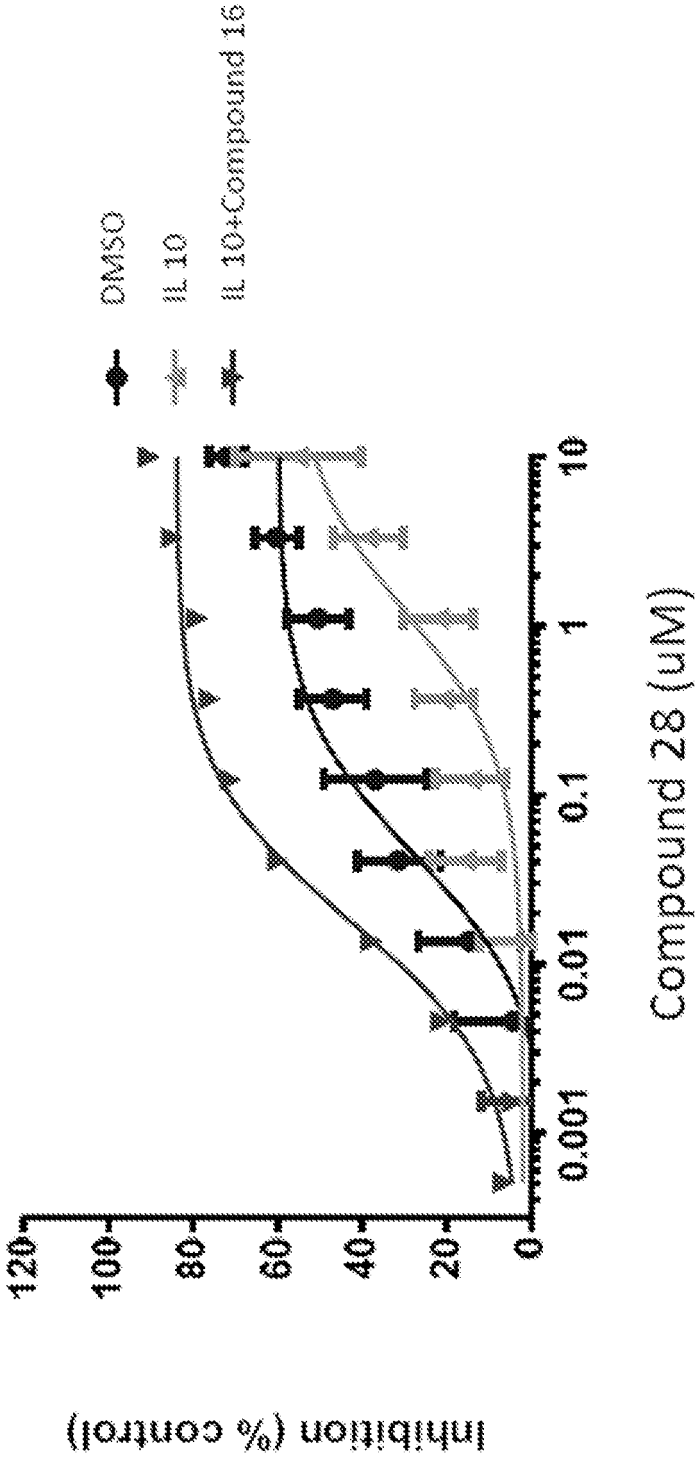

Pfeiffer cells
DMSO
IL 10
IL 10+Compound 16
Inhibition (% control)
120
100
80
60
40
20
0
0.001
0.01
0.1
1
10
Compound 28 (uM)

FIG. 7

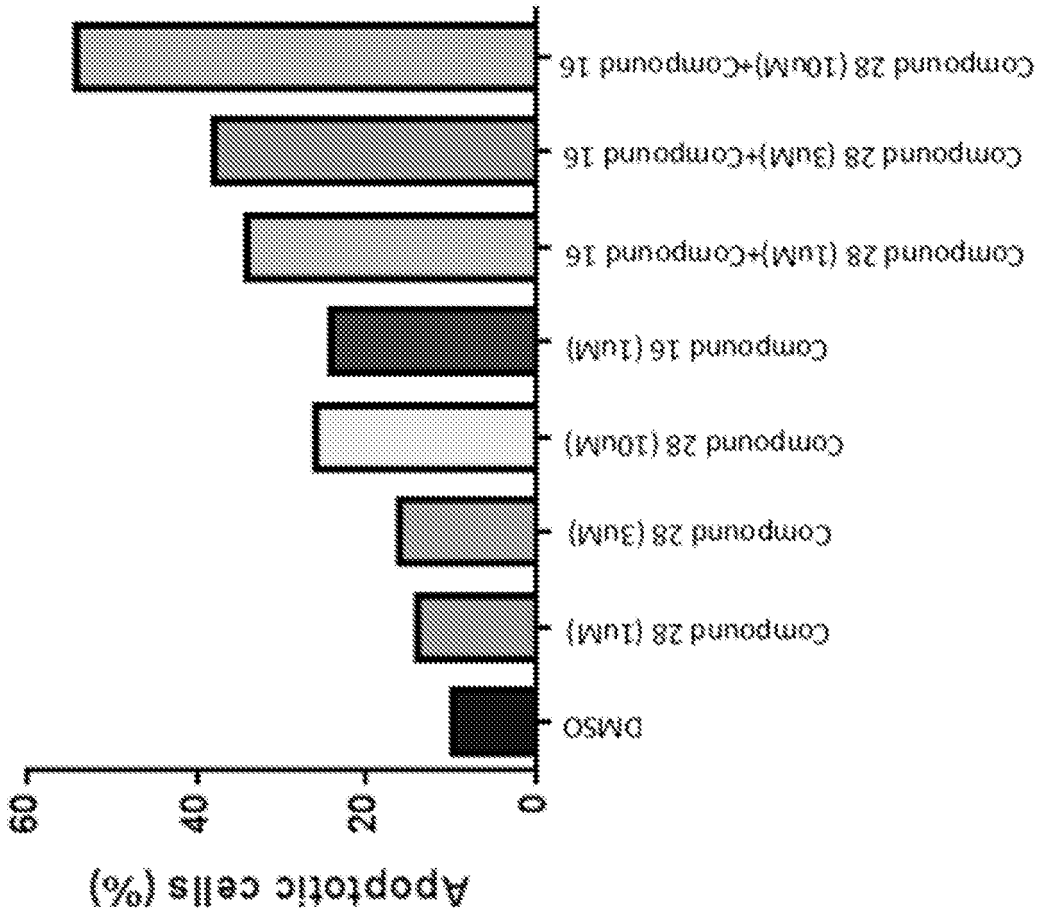
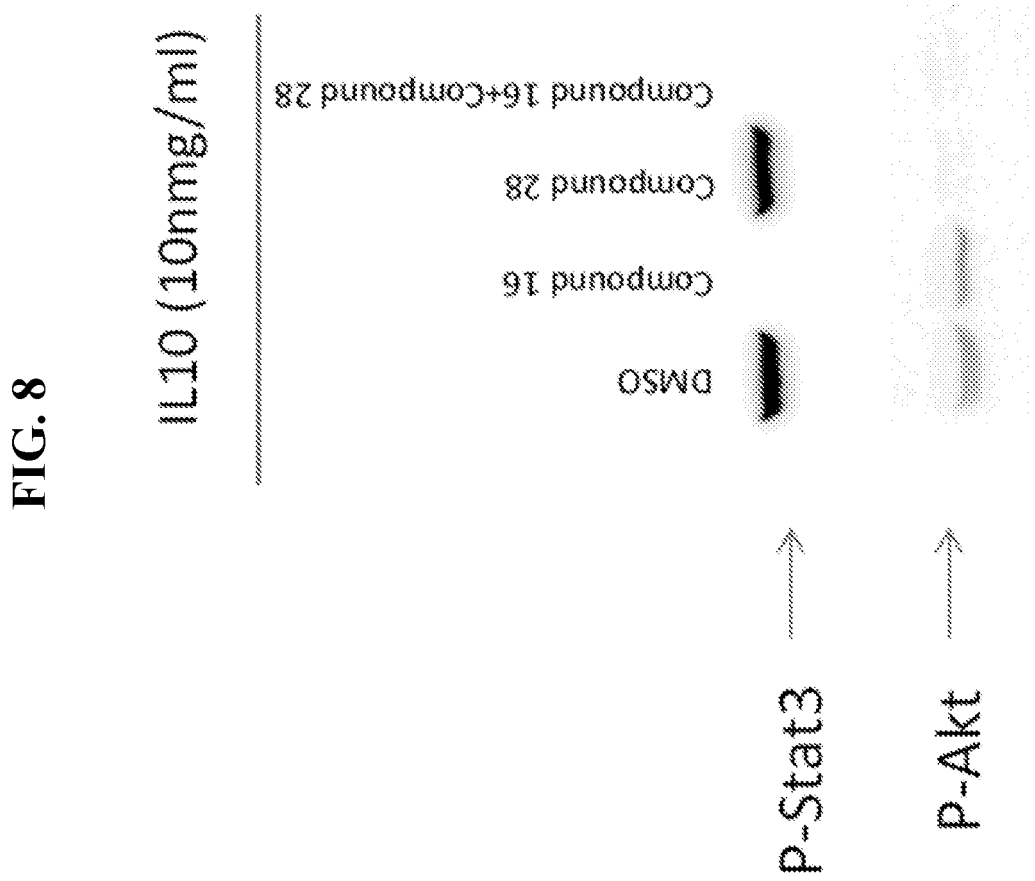

Apoptotic cells (%)
0
20
40
60
DMSO
Compound 28 (1uM)
Compound 28 (3uM)
Compound 28 (10uM)
Compound 16 (1uM)
Compound 28 (1uM)+Compound 16
Compound 28 (3uM)+Compound 16
Compound 28 (10uM)+Compound 16

FIG. 8


IL10 (10nmg/ml)
DMSO
Compound 16
Compound 28
Compound 16+Compound 28
P-Stat3
P-Akt