FIGURE 1

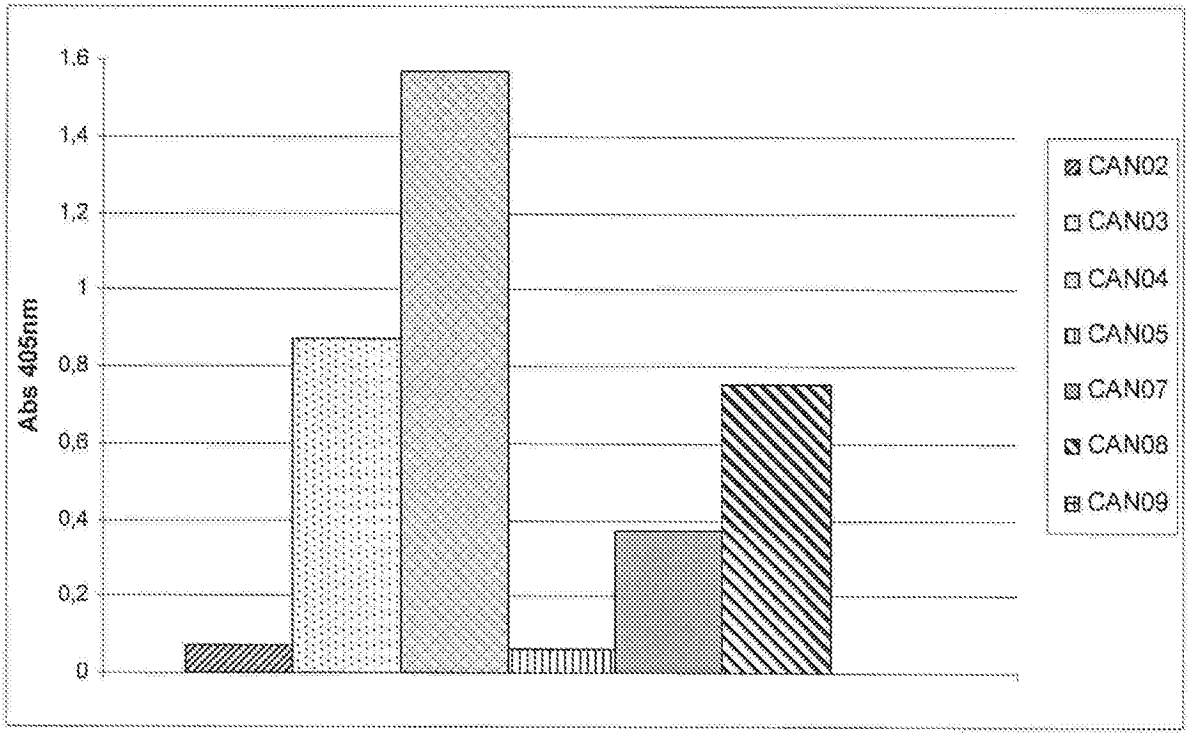
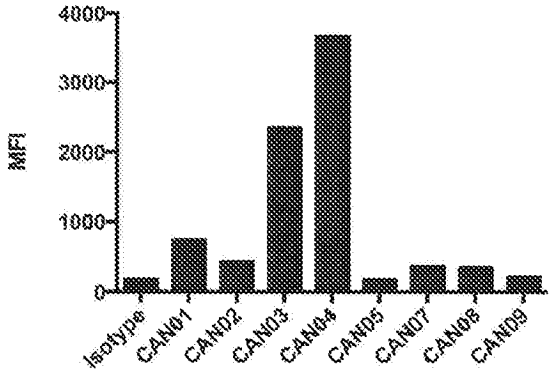
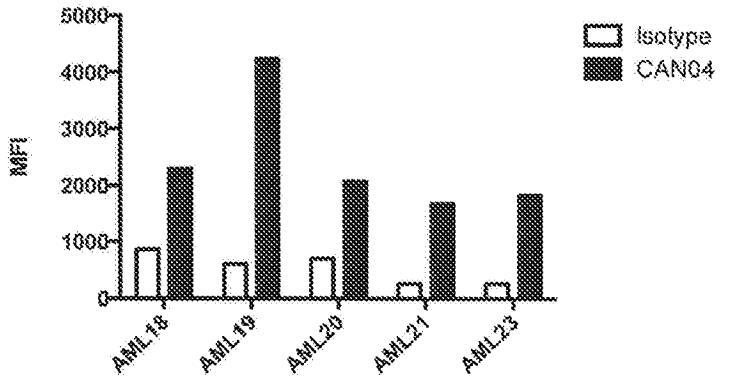

Abs 405nm
1,6
1,4
1,2
1
0,8
0,6
0,4
0,2
0
CAN02
CAN03
CAN04
CAN05
CAN07
CAN08
CAN09

FIGURE 2

A.


4000
3000
2000
1000
0
MFI
Isotype
CAN01
CAN02
CAN03
CAN04
CAN05
CAN07
CAN08
CAN09

B.


5000
4000
3000
2000
1000
0
MFI
Isotype
CAN04
AML18
AML19
AML20
AML21
AML23

C.

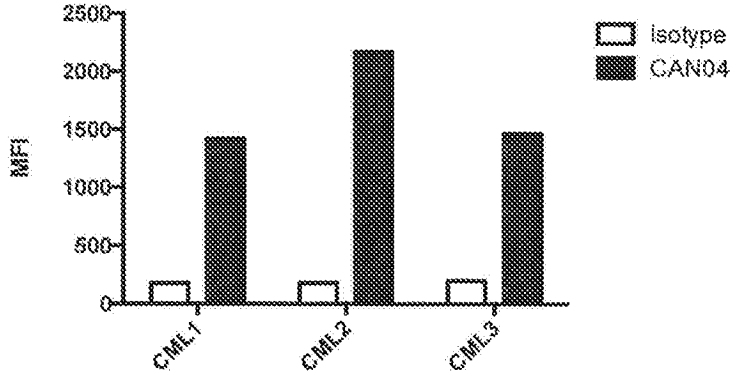

2500
2000
1500
1000
500
0
MFI
Isotype
CAN04
CML1
CML2
CML3

FIGURE 3

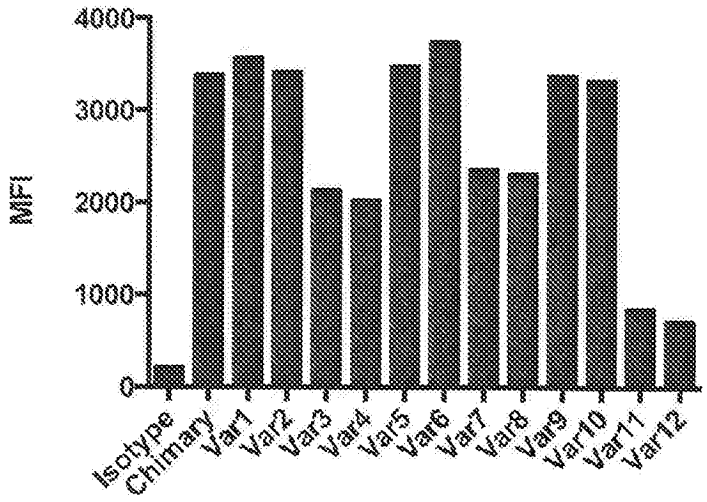

MFI
4000
3000
2000
1000
0
Isotype
Chimary
Var1
Var2
Var3
Var4
Var5
Var6
Var7
Var8
Var9
Var10
Var11
Var12

FIGURE 4(A)

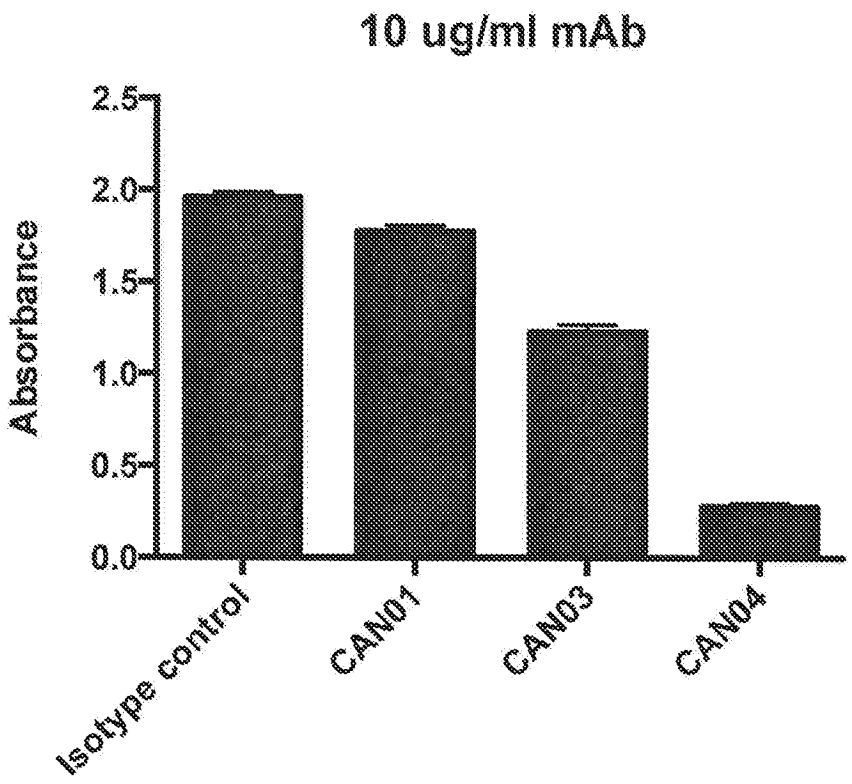


FIGURE 4(B)

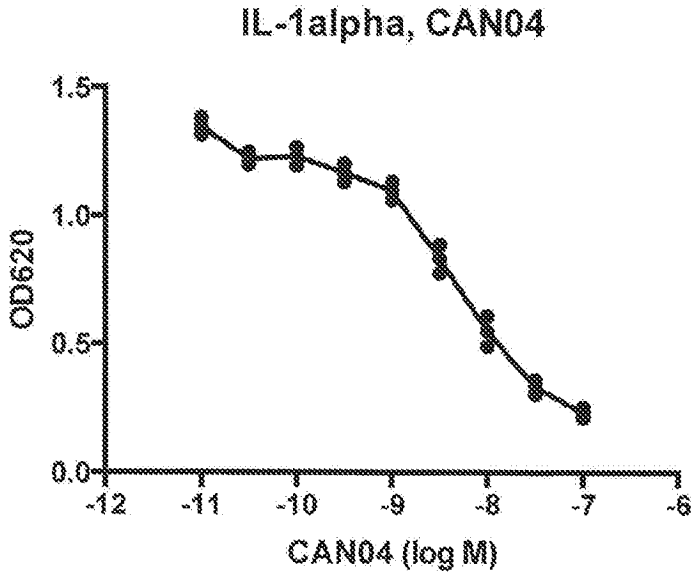


FIGURE 4(C)

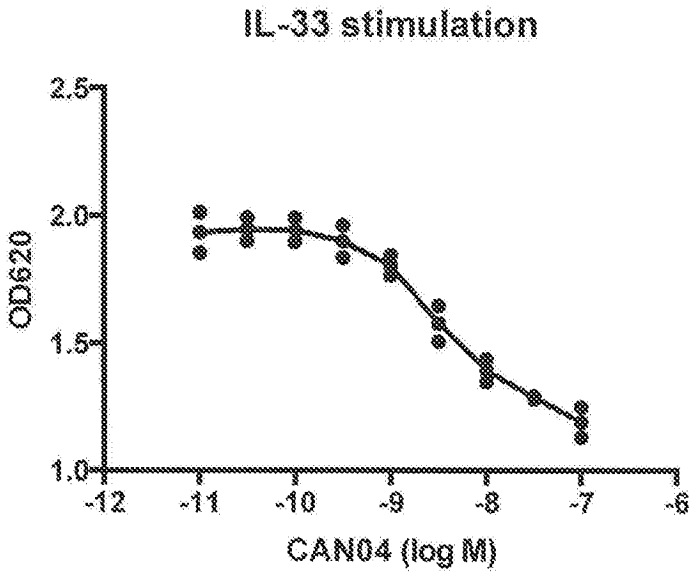


FIGURE 5

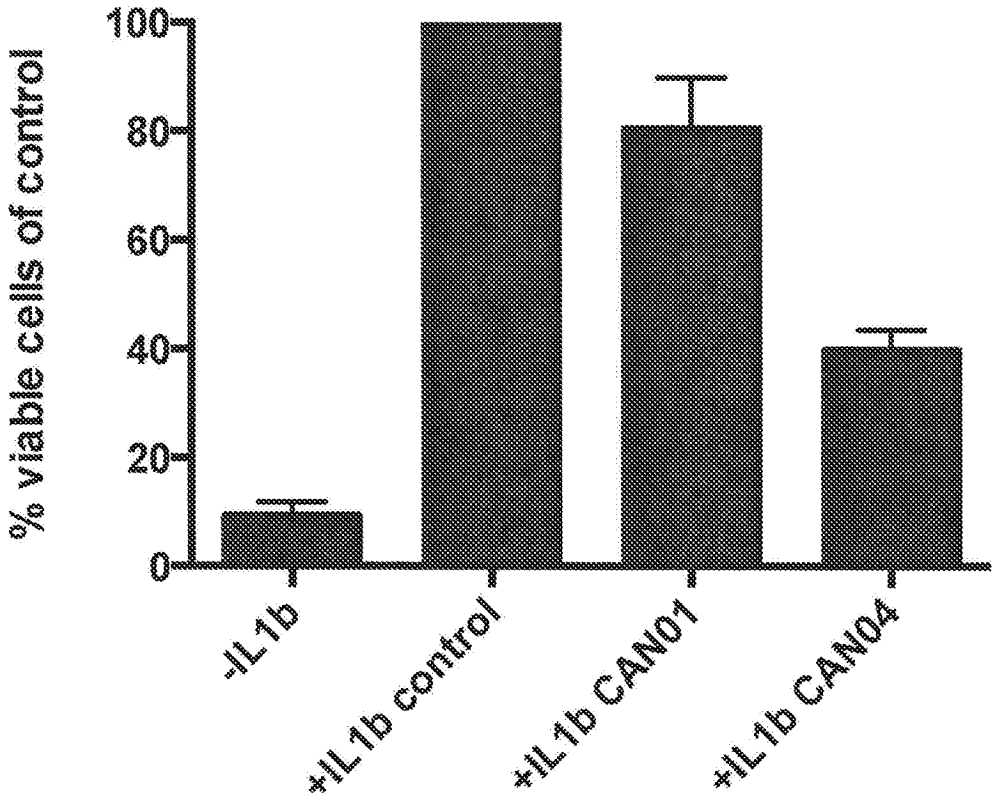

% viable cells of control
100
80
60
40
20
0
-IL1b
+IL1b control
+IL1b CAN01
+IL1b CAN04

FIGURE 6

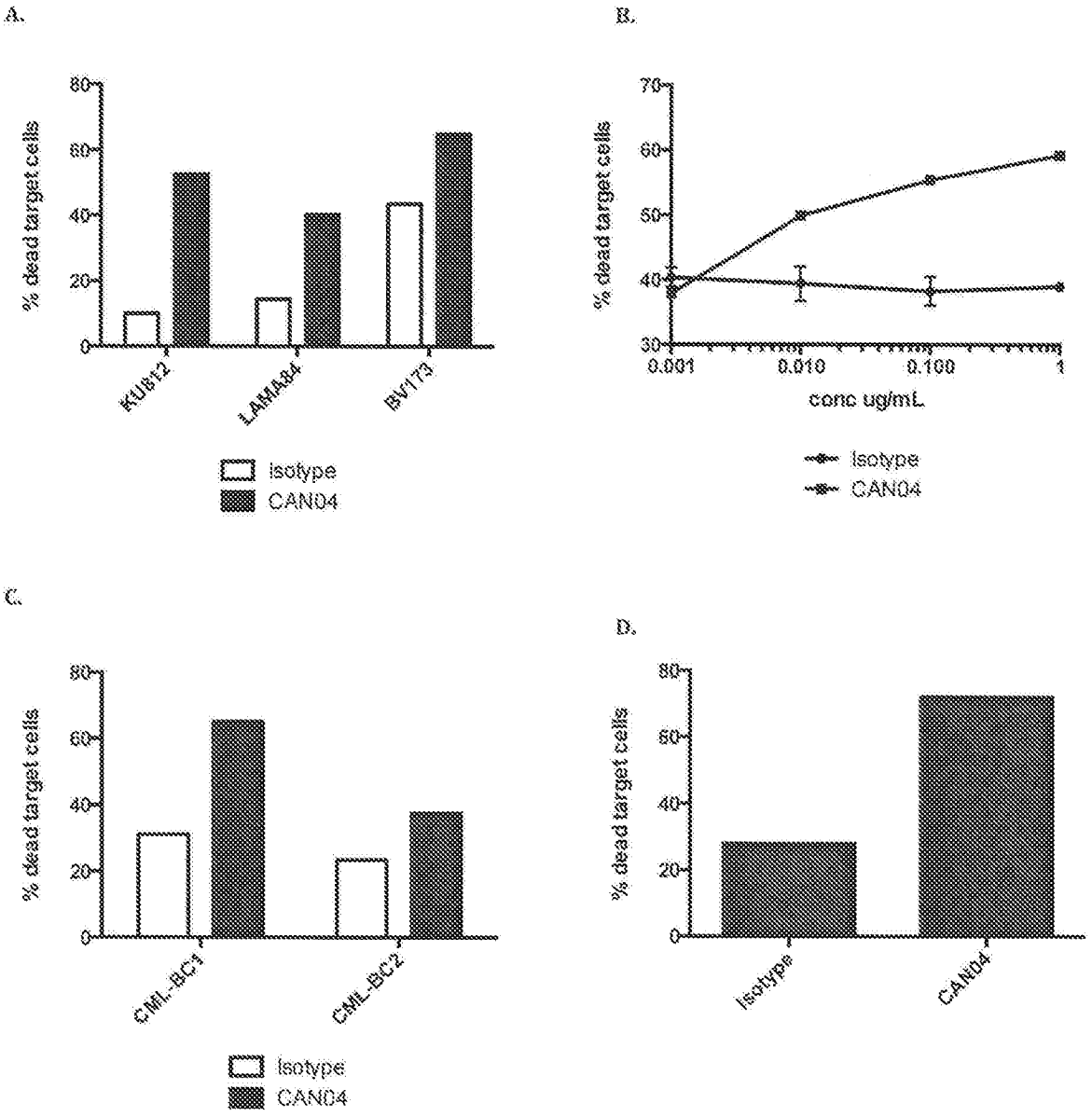

A.
% dead target cells
80
60
40
20
0
KU812
LAMA84
BV173
isotype
CAN04
B.
% dead target cells
70
60
50
40
30
0.001
0.010
0.100
1
conc ug/mL
Isotype
CAN04
C.
% dead target cells
80
60
40
20
0
CML-BC1
CML-BC2
Isotype
CAN04
D.
% dead target cells
80
60
40
20
0
Isotype
CAN04

FIGURE 7

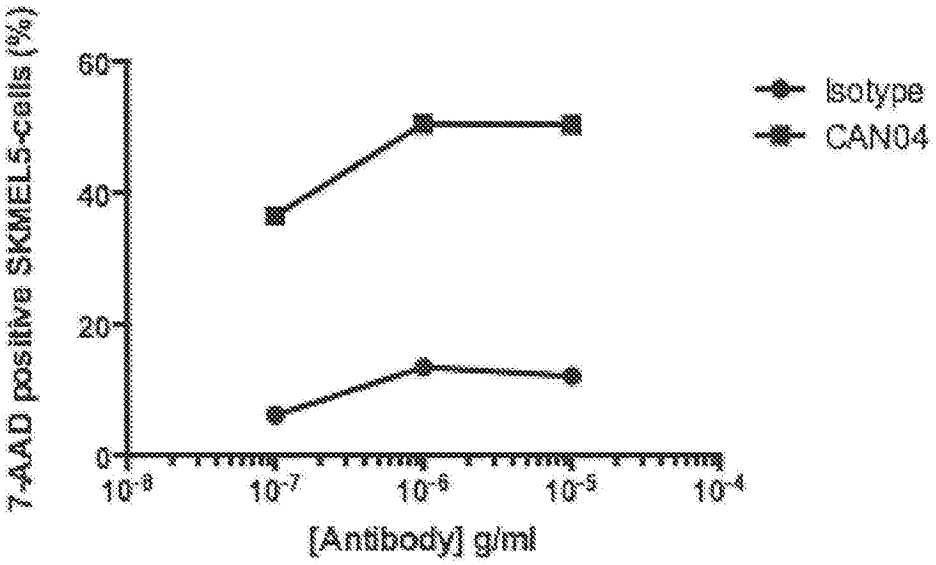
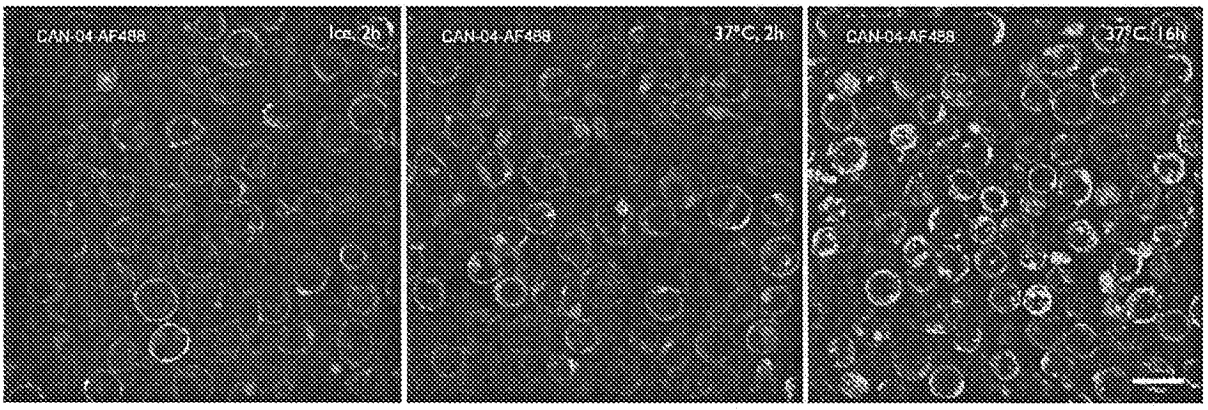

7-AAD positive SKMEL5-cells (%)
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
[Antibody] g/ml
Isotype
CAN04

FIGURE 8

(A)


CAN-04-AF488
Ice, 2h
CAN-04-AF488
37°C, 2h
CAN-04-AF488
37°C, 16h

(B)

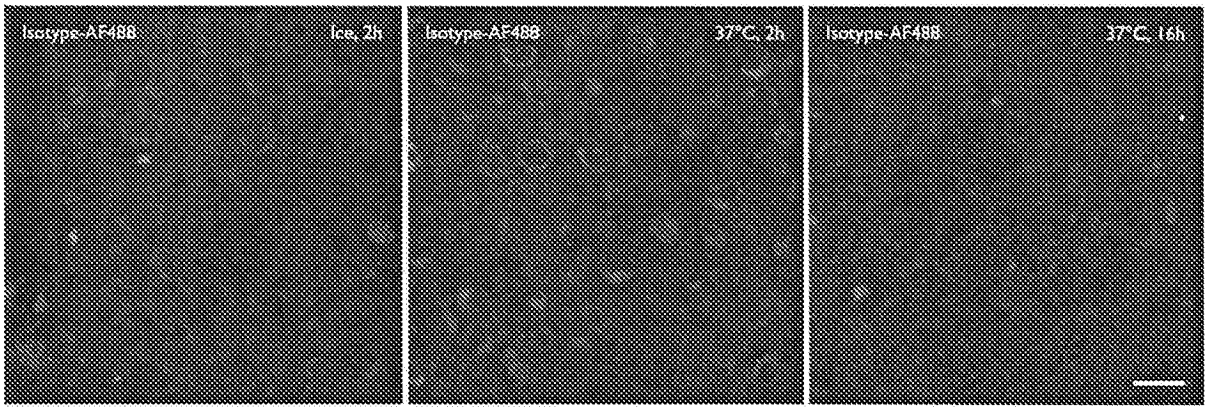

Isotype-AF488
Ice, 2h
Isotype-AF488
37°C, 2h
Isotype-AF488
37°C, 16h

FIGURE 9

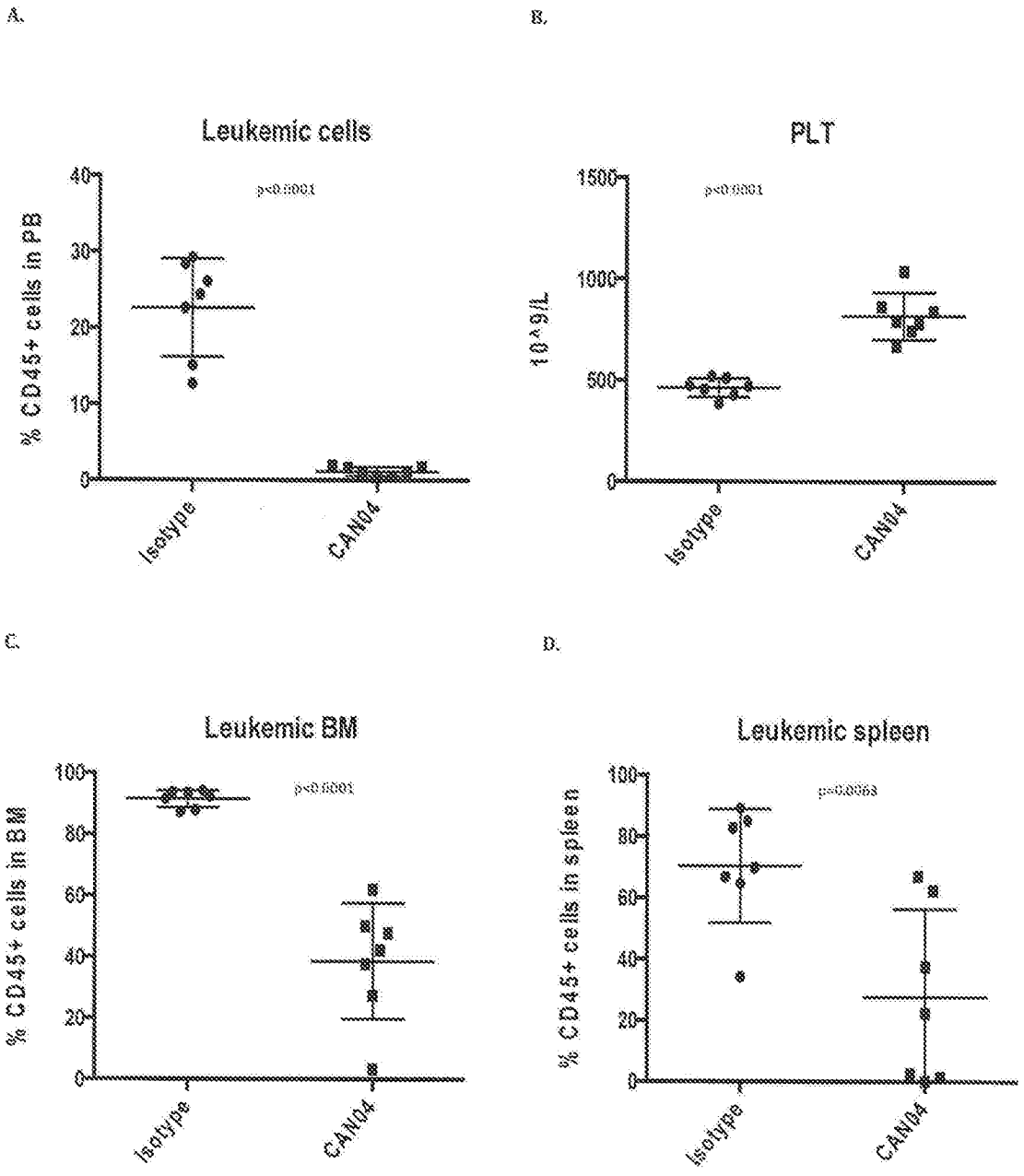

A.
Leukemic cells
% CD45+ cells in PB
p<0.0001
Isotype
CAN04
B.
PLT
10^9/L
p<0.0001
Isotype
CAN04
C.
Leukemic BM
% CD45+ cells in BM
p<0.0001
Isotype
CAN04
D.
Leukemic spleen
% CD45+ cells in spleen
p=0.0063
Isotype
CAN04

FIGURE 10 (A)

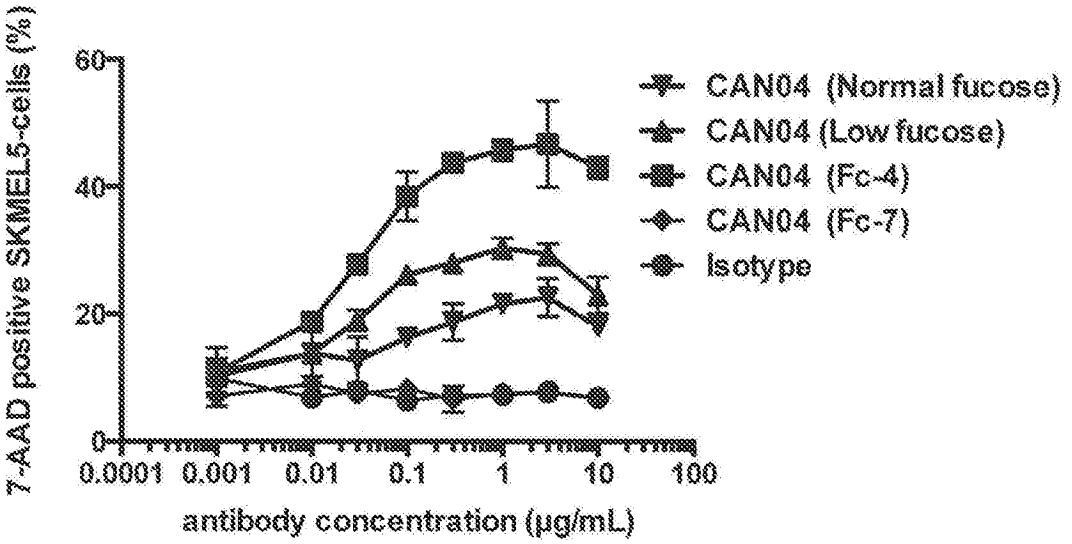

7-AAD positive SKMEL5-cells (%)
60
40
20
0
0.0001
0.001
0.01
0.1
1
10
100
antibody concentration (µg/mL)
CAN04 (Normal fucose)
CAN04 (Low fucose)
CAN04 (Fc-4)
CAN04 (Fc-7)
Isotype

FIGURE 10(B)

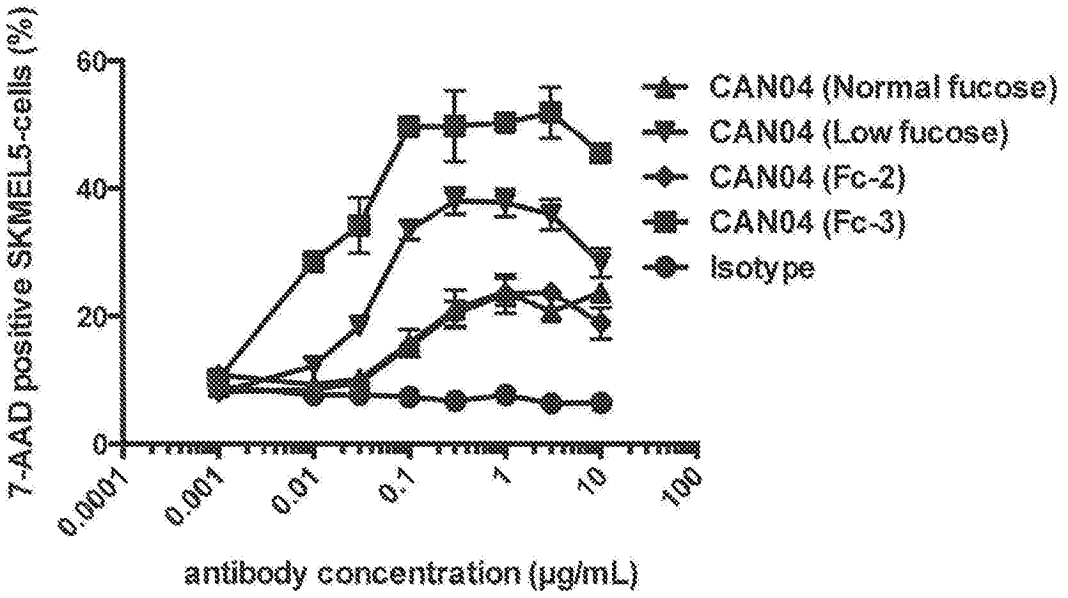
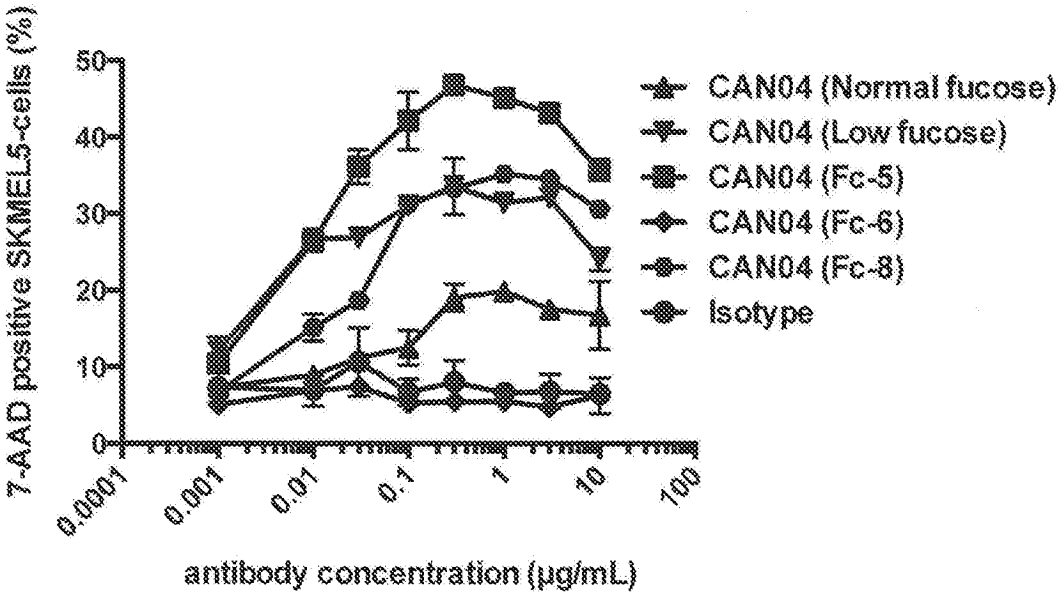

7-AAD positive SKMEL5-cells (%)
60
40
20
0
0.0001
0.001
0.01
0.1
1
10
100
antibody concentration (µg/mL)
CAN04 (Normal fucose)
CAN04 (Low fucose)
CAN04 (Fc-2)
CAN04 (Fc-3)
Isotype

FIGURE 10(C)


7-AAD positive SKMEL5-cells (%)
50
40
30
20
10
0
0.0001
0.001
0.01
0.1
1
10
100
antibody concentration (µg/mL)
CAN04 (Normal fucose)
CAN04 (Low fucose)
CAN04 (Fc-5)
CAN04 (Fc-6)
CAN04 (Fc-8)
Isotype