FIG. 1

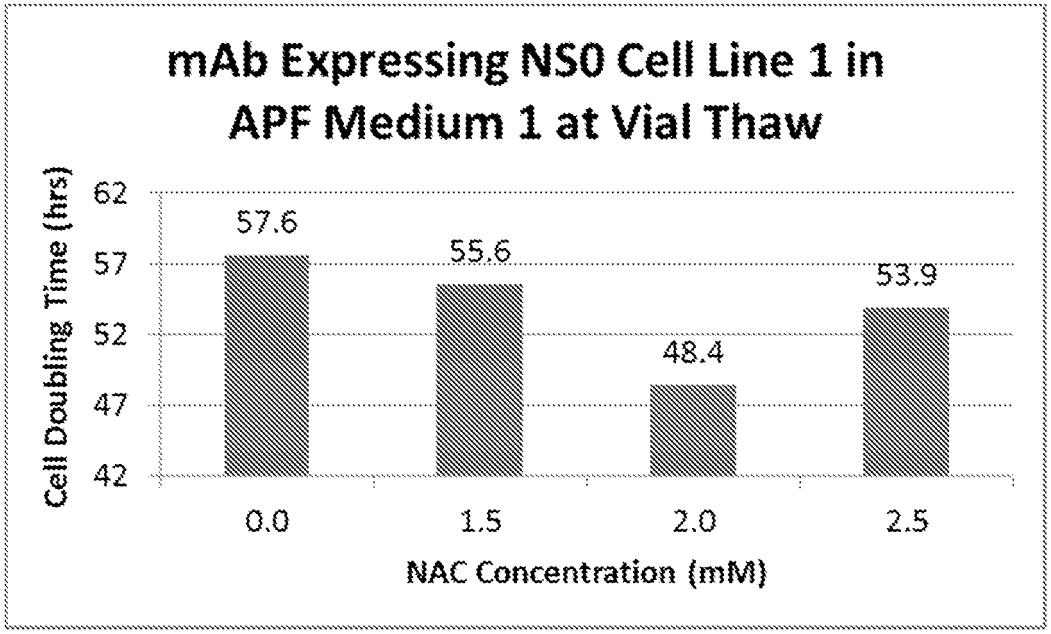

mAb Expressing NS0 Cell Line 1 in APF Medium 1 at Vial Thaw
Cell Doubling Time (hrs)
62
57
52
47
42
57.6
55.6
48.4
53.9
0.0
1.5
2.0
2.5
NAC Concentration (mM)

FIG. 2

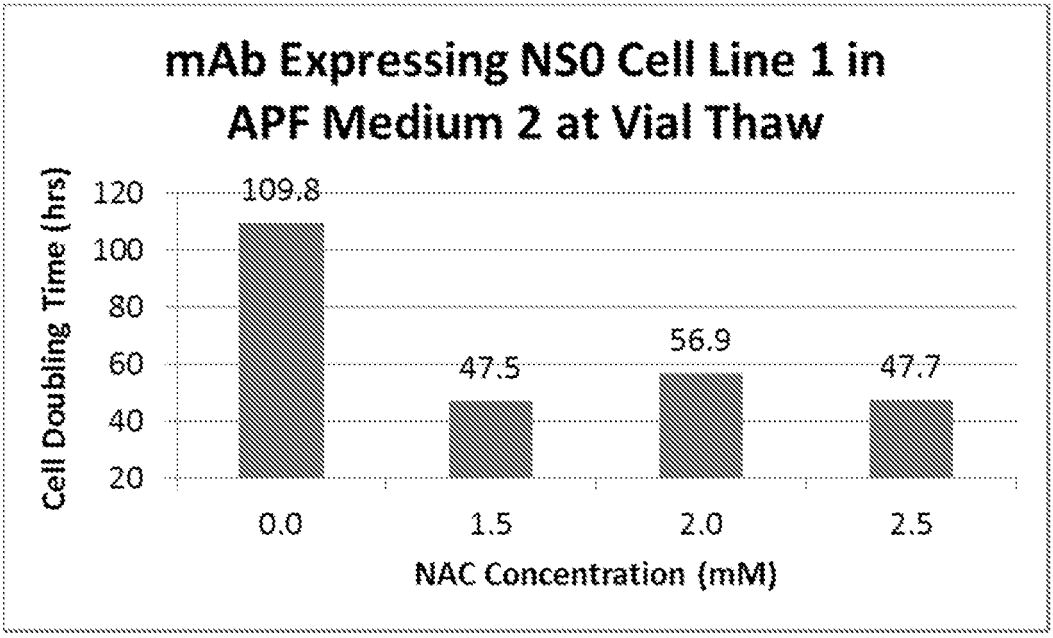

mAb Expressing NS0 Cell Line 1 in APF Medium 2 at Vial Thaw
Cell Doubling Time (hrs)
120
100
80
60
40
20
109.8
47.5
56.9
47.7
0.0
1.5
2.0
2.5
NAC Concentration (mM)

FIG. 3

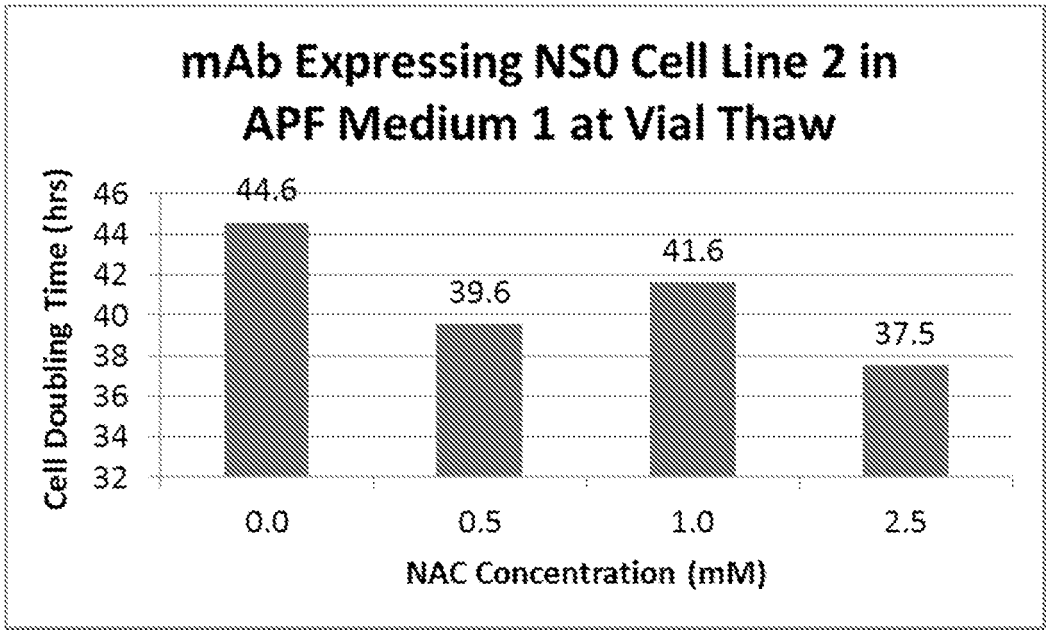

mAb Expressing NS0 Cell Line 2 in APF Medium 1 at Vial Thaw
Cell Doubling Time (hrs)
46
44
42
40
38
36
34
32
44.6
39.6
41.6
37.5
0.0
0.5
1.0
2.5
NAC Concentration (mM)

FIG. 4

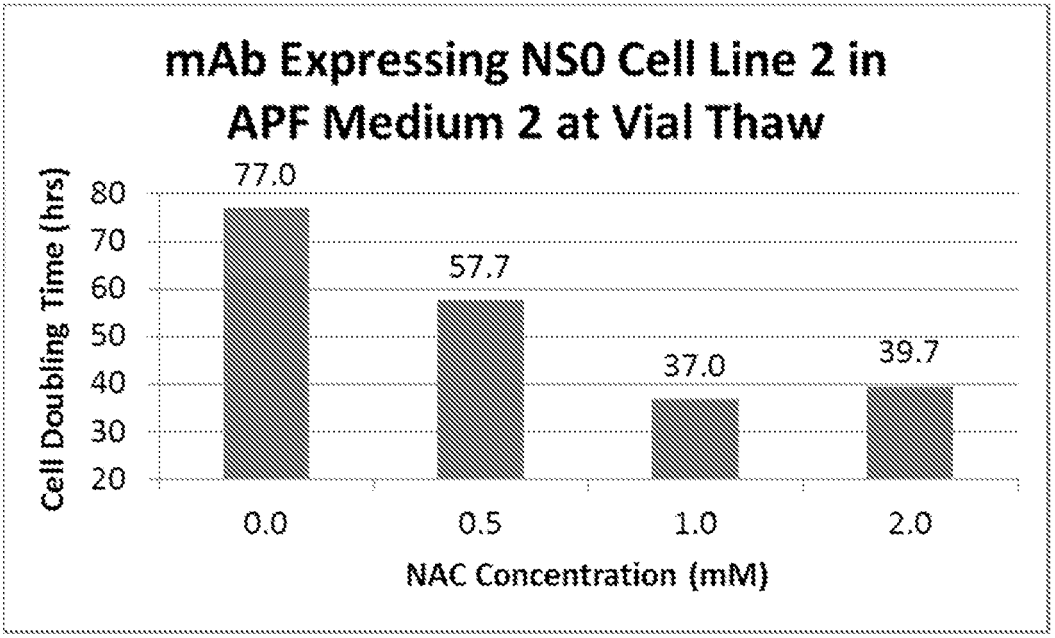

mAb Expressing NS0 Cell Line 2 in APF Medium 2 at Vial Thaw
Cell Doubling Time (hrs)
80
70
60
50
40
30
20
77.0
57.7
37.0
39.7
0.0
0.5
1.0
2.0
NAC Concentration (mM)

FIG. 5

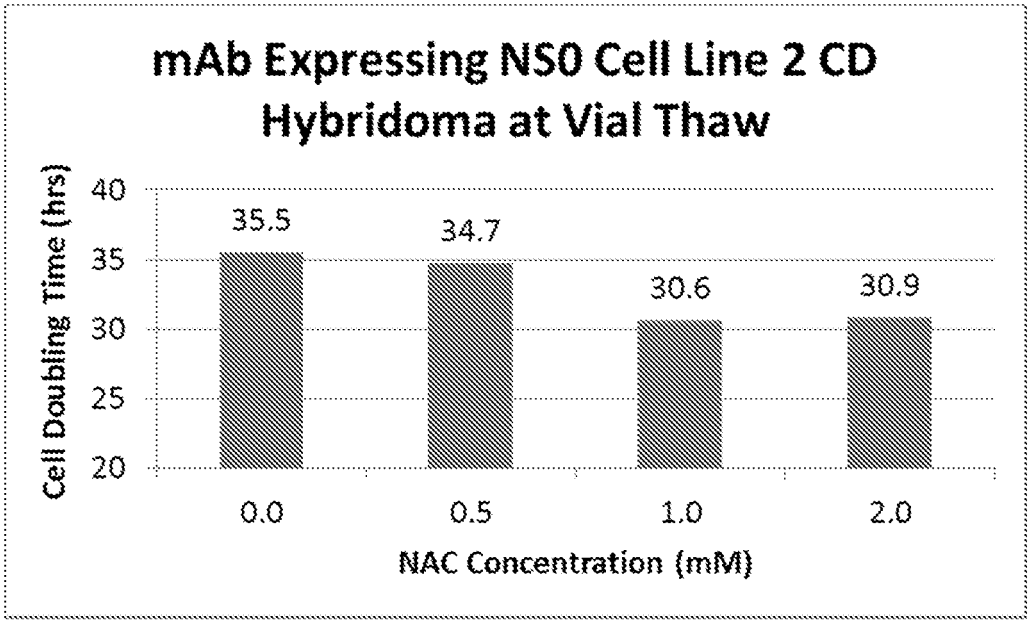

mAb Expressing NS0 Cell Line 2 CD Hybridoma at Vial Thaw
Cell Doubling Time (hrs)
40
35
30
25
20
35.5
34.7
30.6
30.9
0.0
0.5
1.0
2.0
NAC Concentration (mM)

FIG. 6

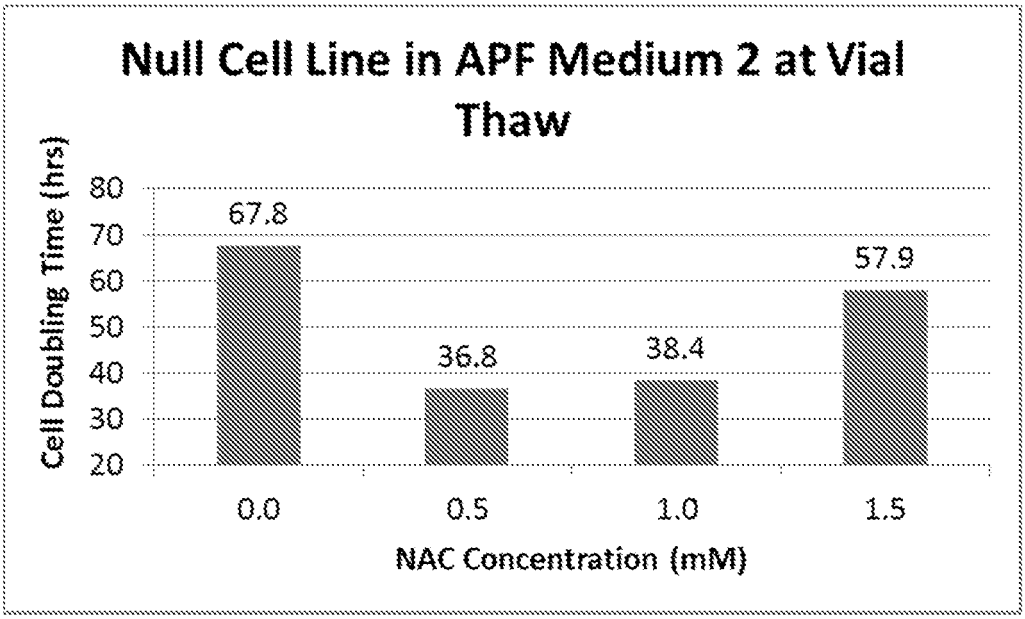

Null Cell Line in APF Medium 2 at Vial Thaw
Cell Doubling Time (hrs)
80
70
60
50
40
30
20
67.8
36.8
38.4
57.9
0.0
0.5
1.0
1.5
NAC Concentration (mM)

FIG. 7

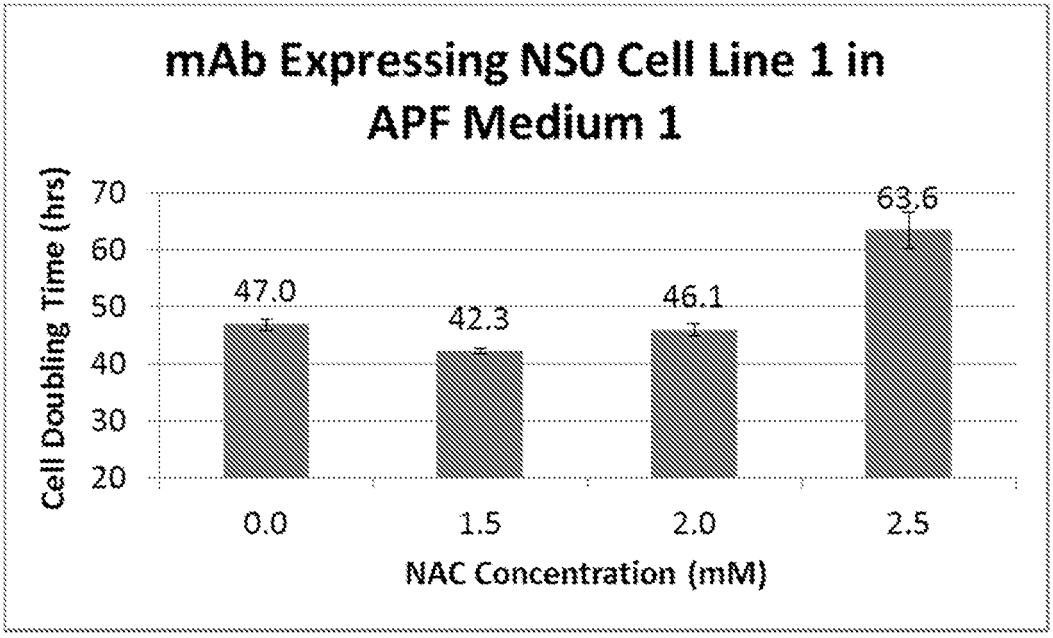

mAb Expressing NS0 Cell Line 1 in APF Medium 1
Cell Doubling Time (hrs)
70
60
50
40
30
20
47.0
42.3
46.1
63.6
0.0
1.5
2.0
2.5
NAC Concentration (mM)

FIG. 8

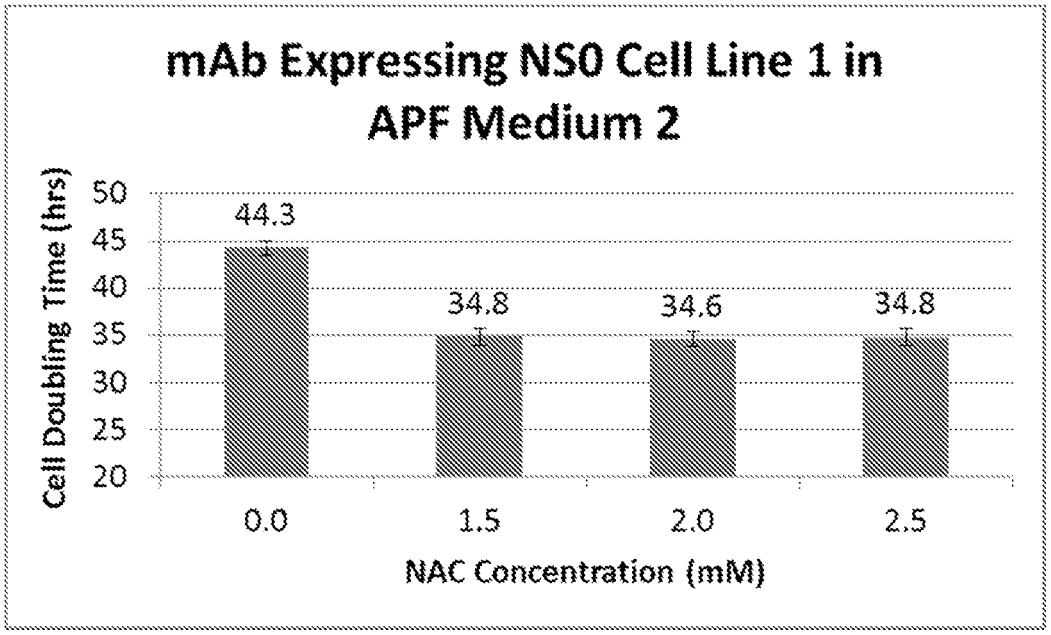

mAb Expressing NS0 Cell Line 1 in APF Medium 2
Cell Doubling Time (hrs)
50
45
40
35
30
25
20
44.3
34.8
34.6
34.8
0.0
1.5
2.0
2.5
NAC Concentration (mM)

FIG. 9

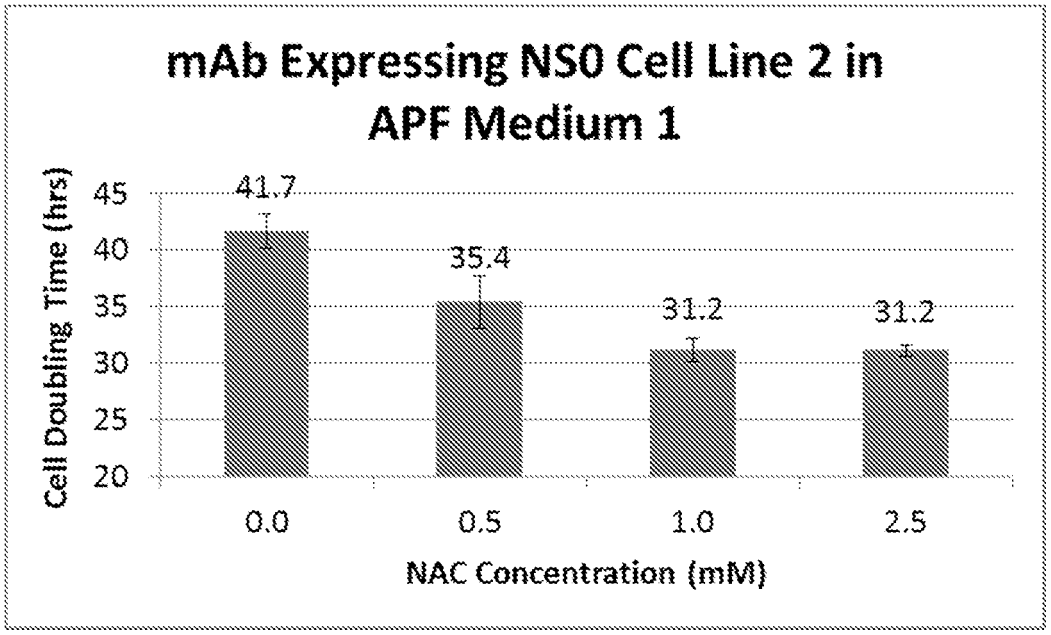

mAb Expressing NS0 Cell Line 2 in APF Medium 1
Cell Doubling Time (hrs)
45
40
35
30
25
20
41.7
35.4
31.2
31.2
0.0
0.5
1.0
2.5
NAC Concentration (mM)

FIG. 10

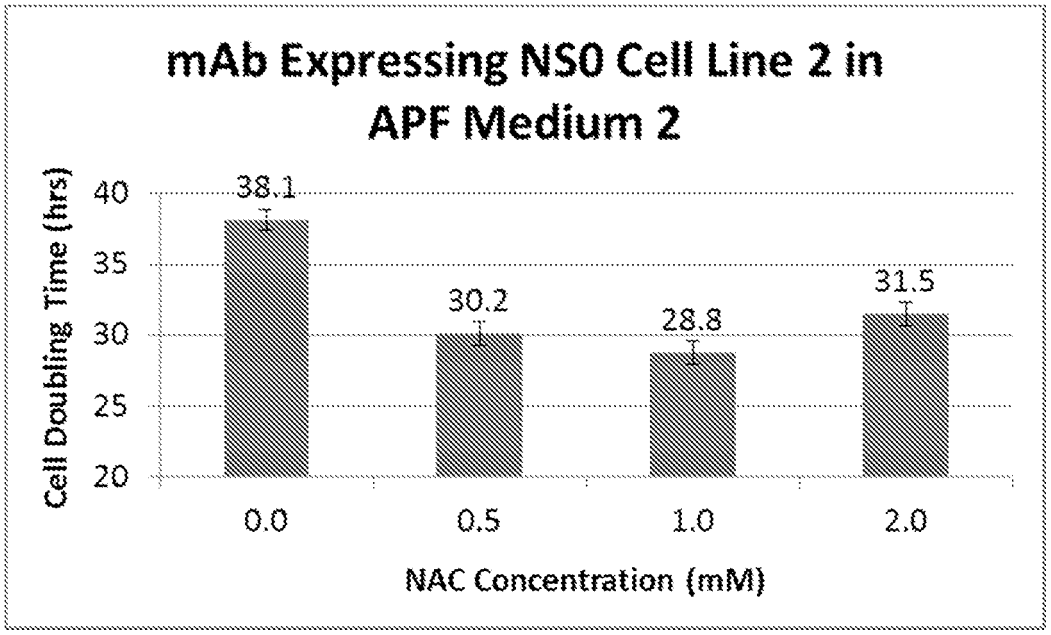

mAb Expressing NS0 Cell Line 2 in APF Medium 2
Cell Doubling Time (hrs)
40
35
30
25
20
38.1
30.2
28.8
31.5
0.0
0.5
1.0
2.0
NAC Concentration (mM)

FIG. 11

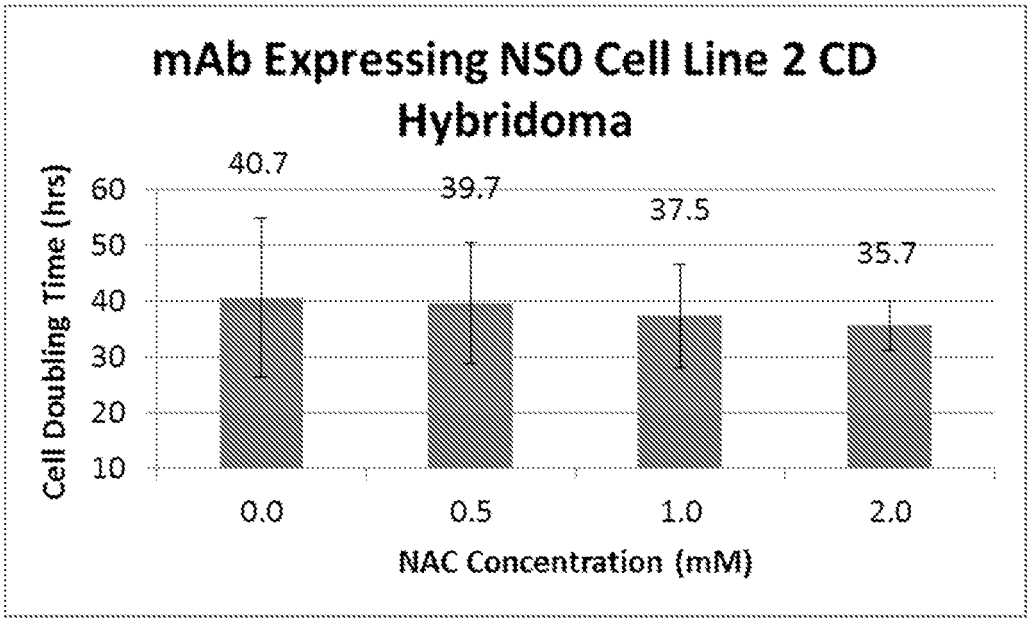
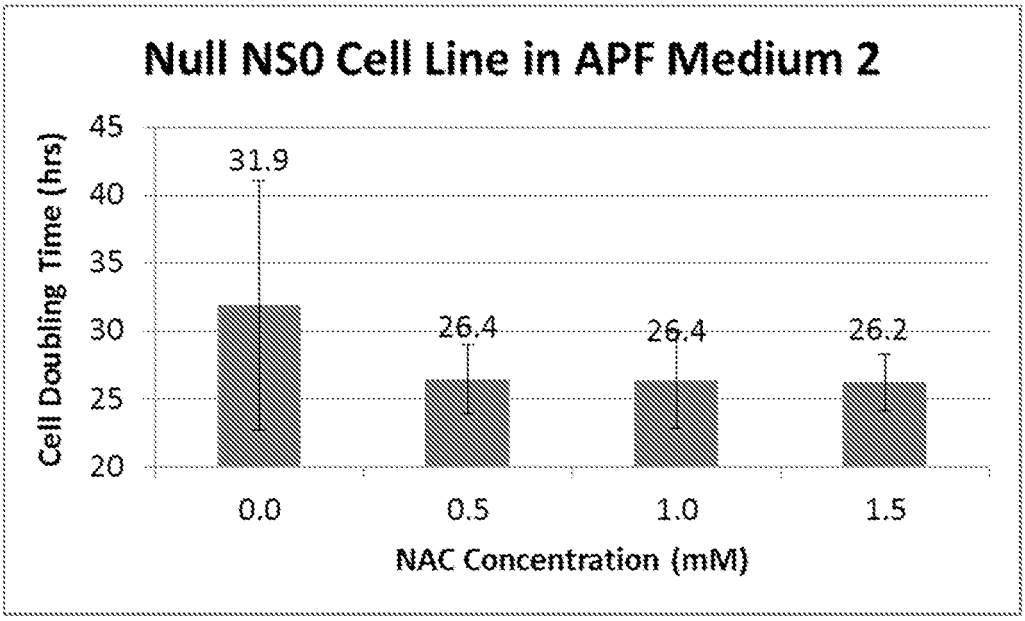

mAb Expressing NS0 Cell Line 2 CD Hybridoma
Cell Doubling Time (hrs)
60
50
40
30
20
10
40.7
39.7
37.5
35.7
0.0
0.5
1.0
2.0
NAC Concentration (mM)

FIG. 12


Null NS0 Cell Line in APF Medium 2
Cell Doubling Time (hrs)
45
40
35
30
25
20
31.9
26.4
26.4
26.2
0.0
0.5
1.0
1.5
NAC Concentration (mM)