FIG. 1

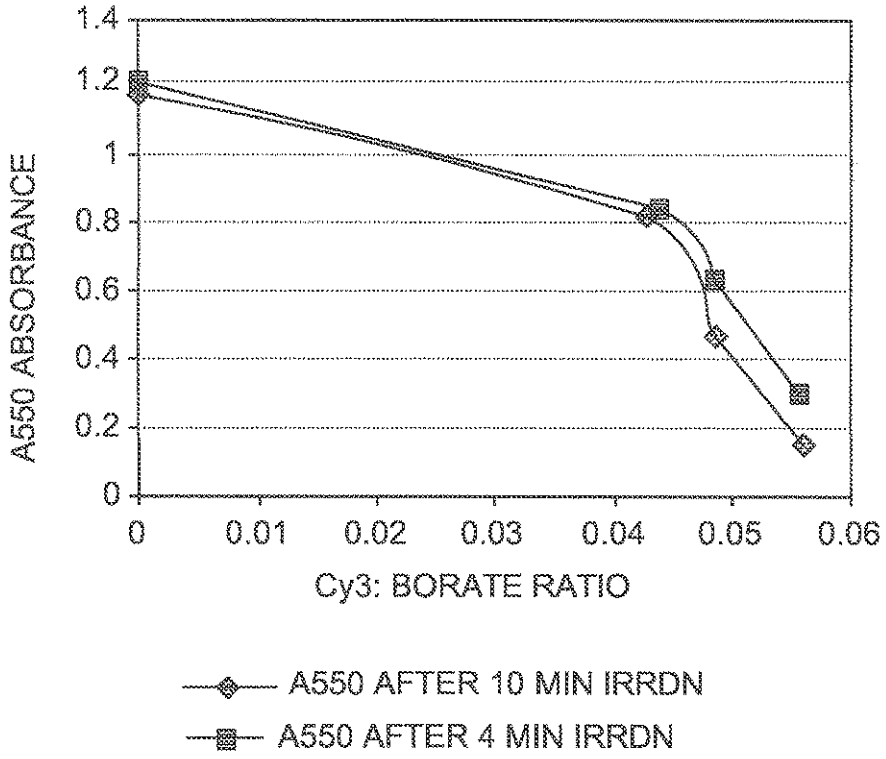

1.4
1.2
1
0.8
0.6
0.4
0.2
0
A550 ABSORBANCE
0
0.01
0.02
0.03
0.04
0.05
0.06
Cy3: BORATE RATIO
A550 AFTER 10 MIN IRRDN
A550 AFTER 4 MIN IRRDN

FIG. 2

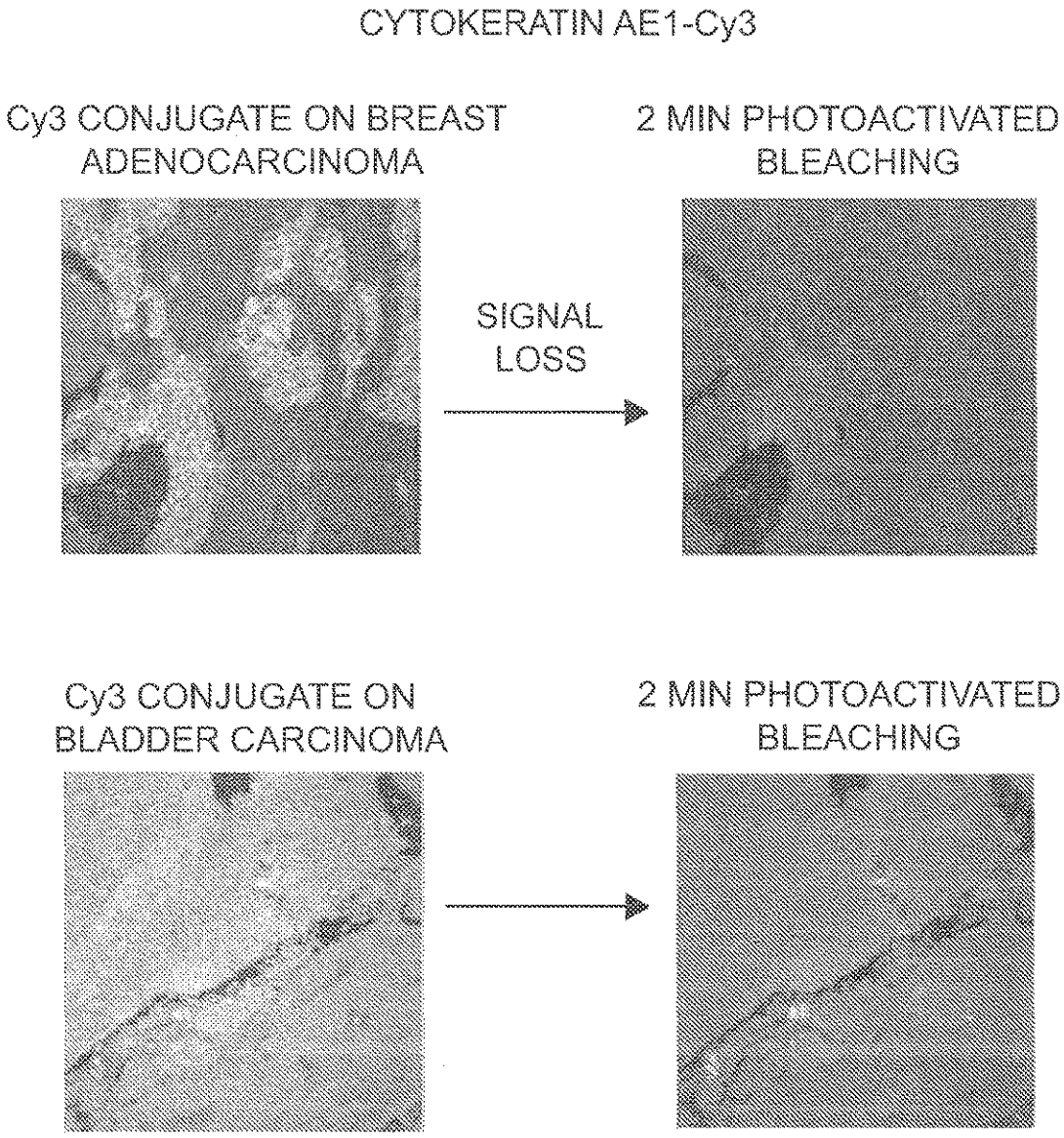

CYTOKERATIN AE1-Cy3
Cy3 CONJUGATE ON BREAST ADENOCARCINOMA
2 MIN PHOTOACTIVATED BLEACHING
SIGNAL LOSS
Cy3 CONJUGATE ON BLADDER CARCINOMA
2 MIN PHOTOACTIVATED BLEACHING

FIG. 3

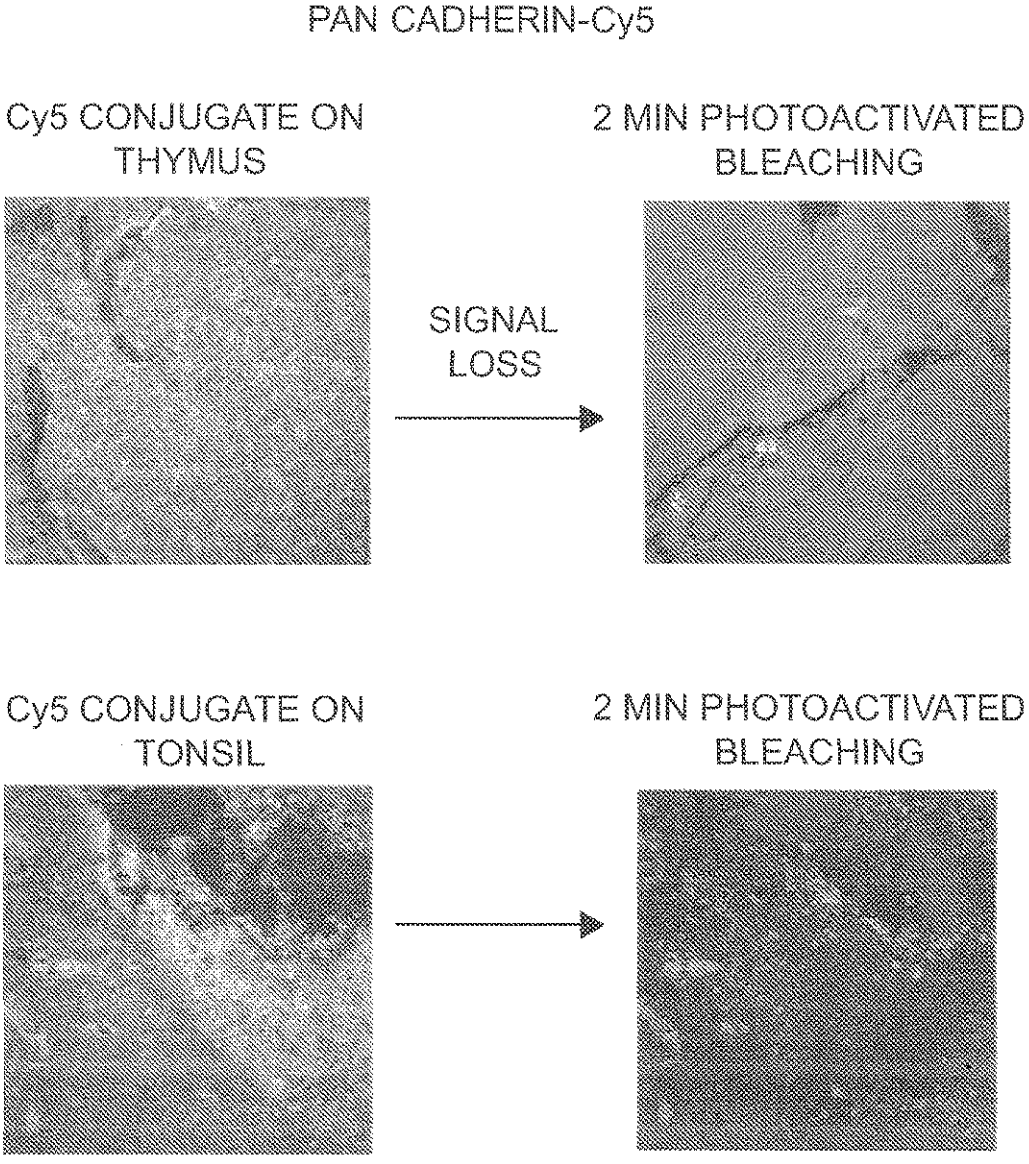

PAN CADHERIN-Cy5
Cy5 CONJUGATE ON THYMUS
2 MIN PHOTOACTIVATED BLEACHING
SIGNAL LOSS
Cy5 CONJUGATE ON TONSIL
2 MIN PHOTOACTIVATED BLEACHING

FIG. 4

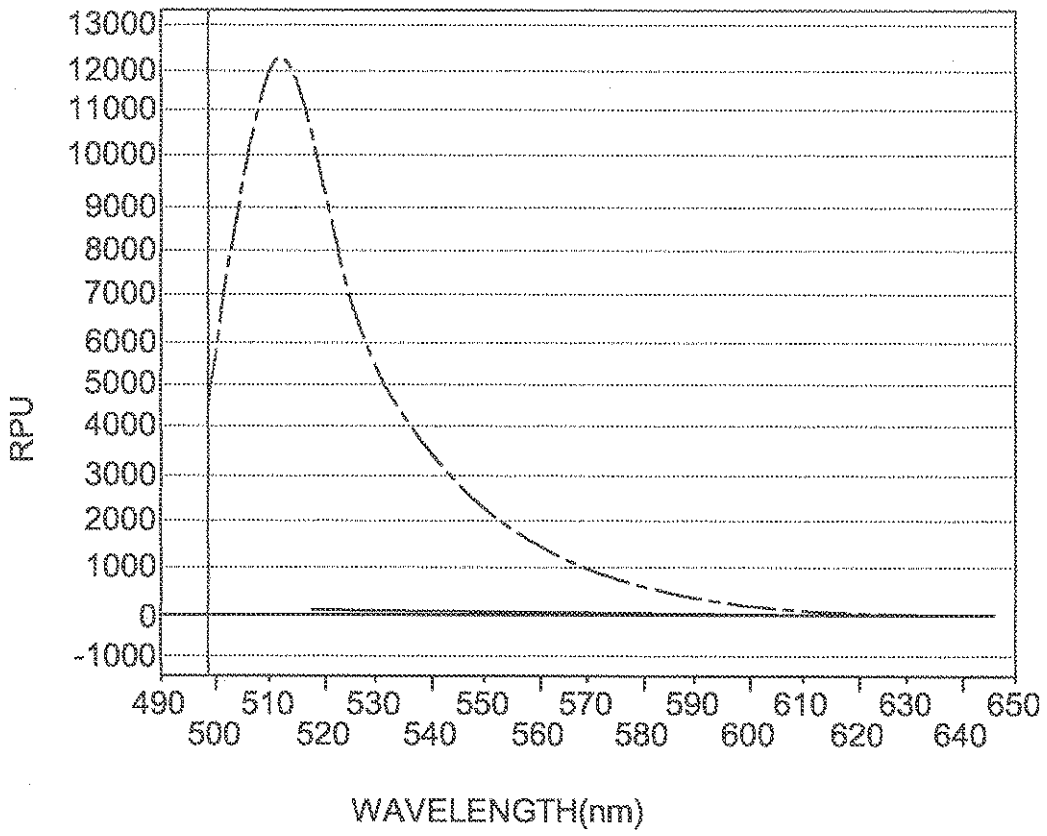

13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
RPU
490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
WAVELENGTH(nm)

FIG. 5

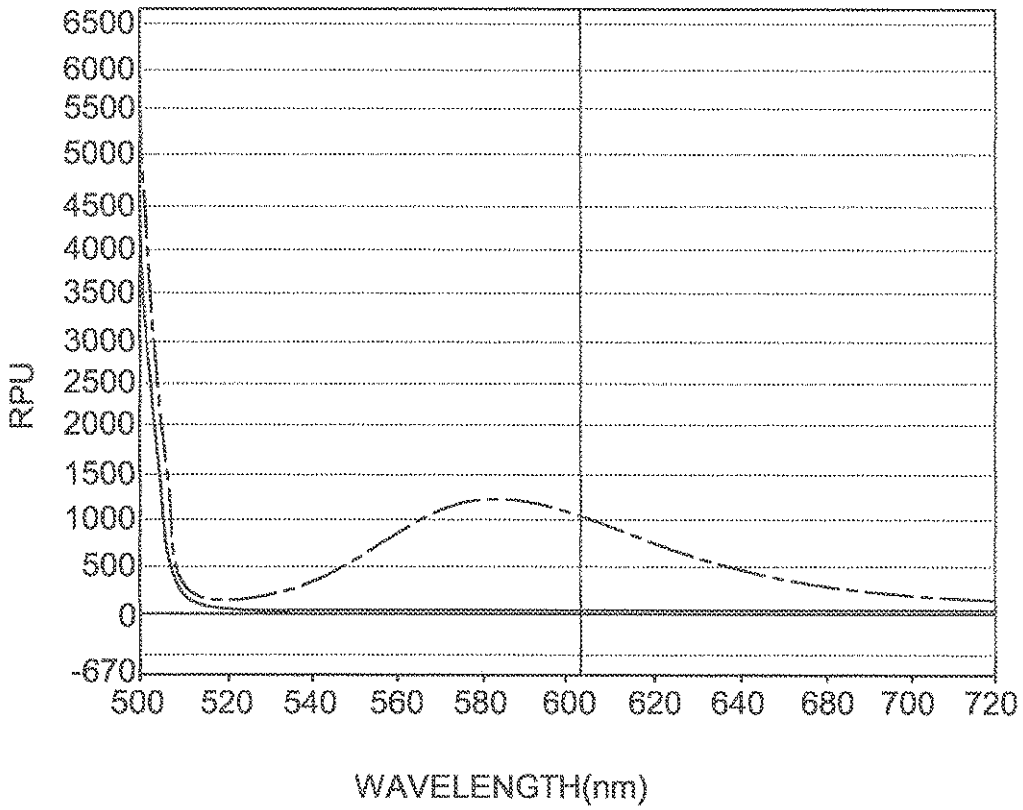
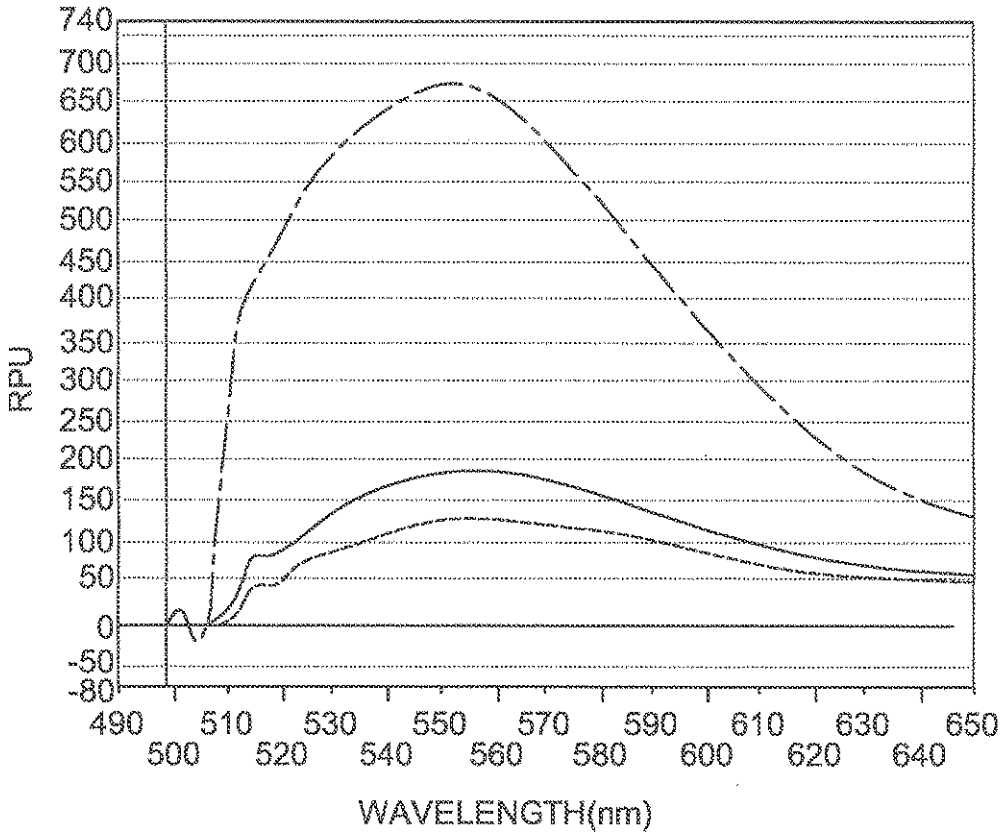

6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-670
RPU
500
520
540
560
580
600
620
640
680
700
720
WAVELENGTH(nm)

FIG. 6


740
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
-50
-80
RPU
490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
WAVELENGTH(nm)