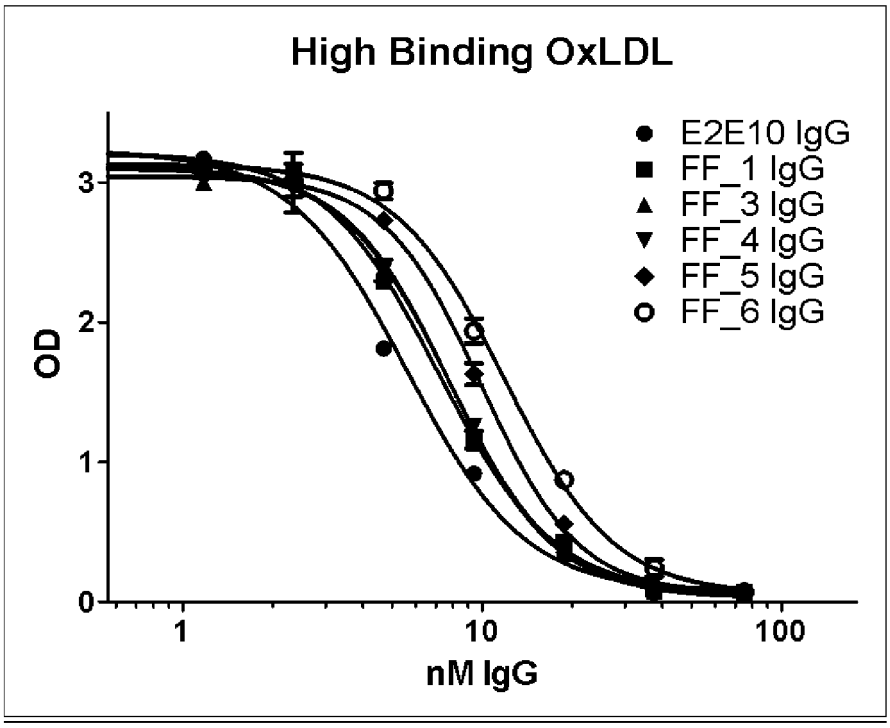

High Binding OxLDL
E2E10 IgG
FF_1 IgG
FF_3 IgG
FF_4 IgG
FF_5 IgG
FF_6 IgG
OD
0
1
2
3
1
10
100
nM IgG

FIG 1A

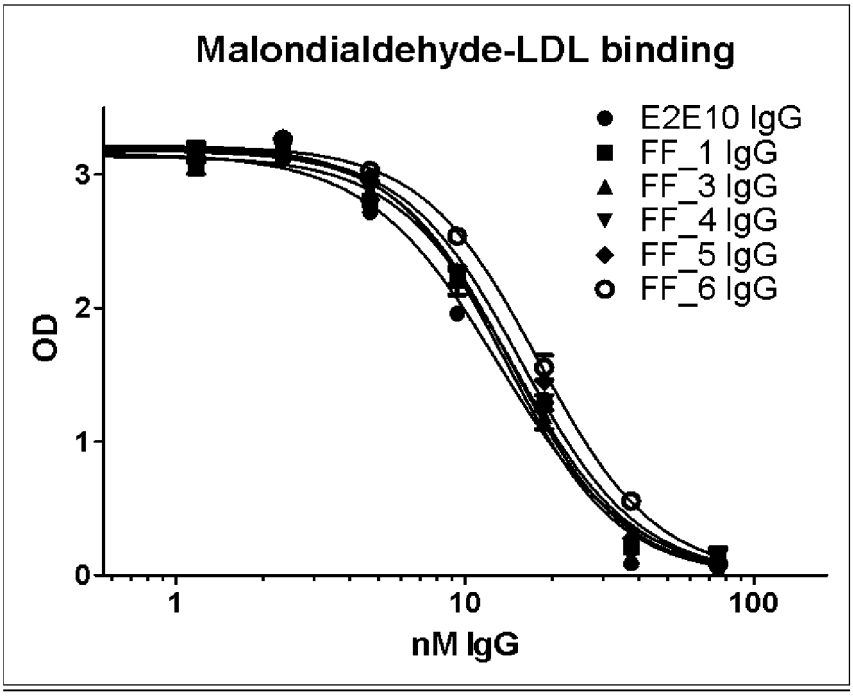

Malondialdehyde-LDL binding
E2E10 IgG
FF_1 IgG
FF_3 IgG
FF_4 IgG
FF_5 IgG
FF_6 IgG
OD
0
1
2
3
1
10
100
nM IgG

FIG 1B

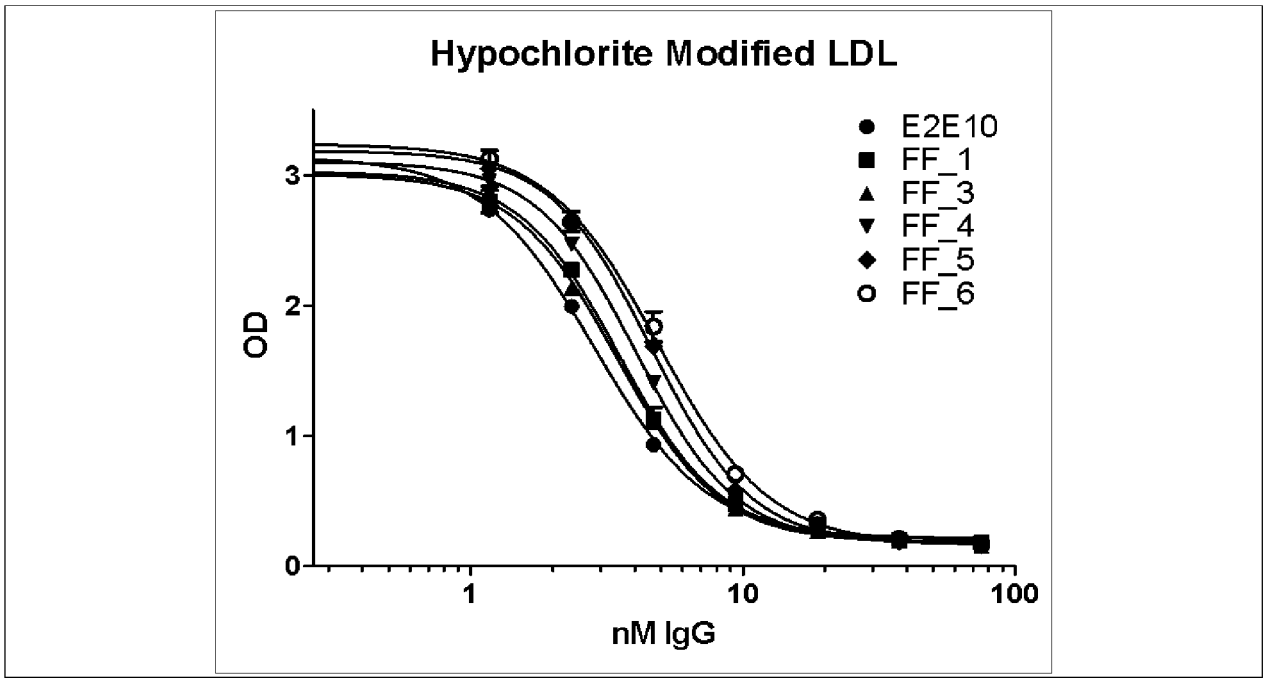

Hypochlorite Modified LDL
E2E10
FF_1
FF_3
FF_4
FF_5
FF_6
OD
0
1
2
3
1
10
100
nM IgG

FIG 1C

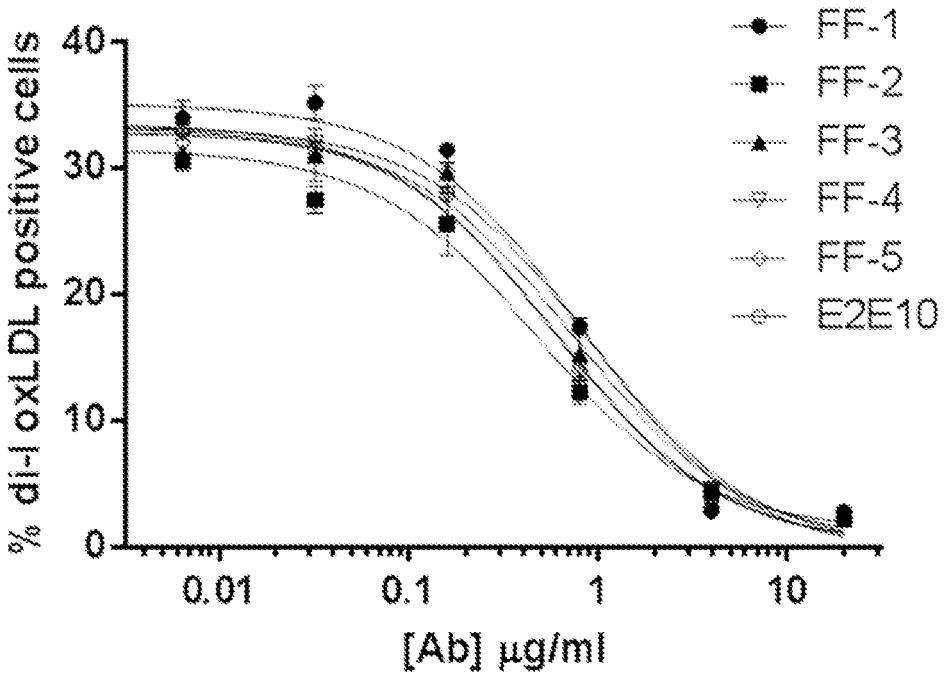

% di-I oxLDL positive cells
40
30
20
10
0
0.01
0.1
1
10
[Ab] µg/ml
FF-1
FF-2
FF-3
FF-4
FF-5
E2E10

FIG 2

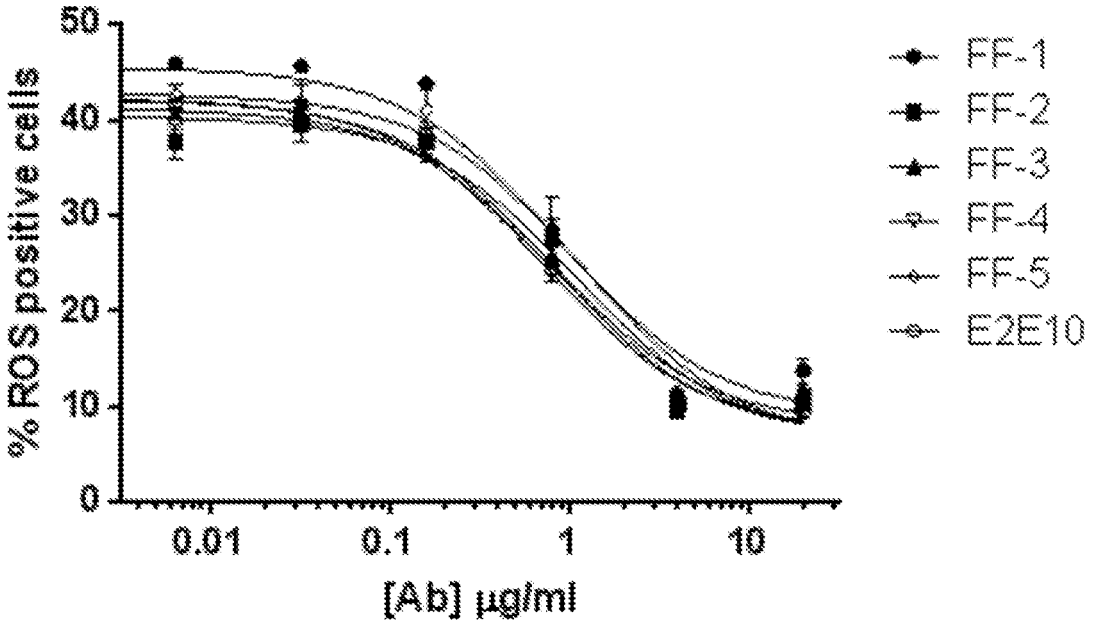

% ROS positive cells
50
40
30
20
10
0
0.01
0.1
1
10
[Ab] µg/ml
FF-1
FF-2
FF-3
FF-4
FF-5
E2E10

FIG 3

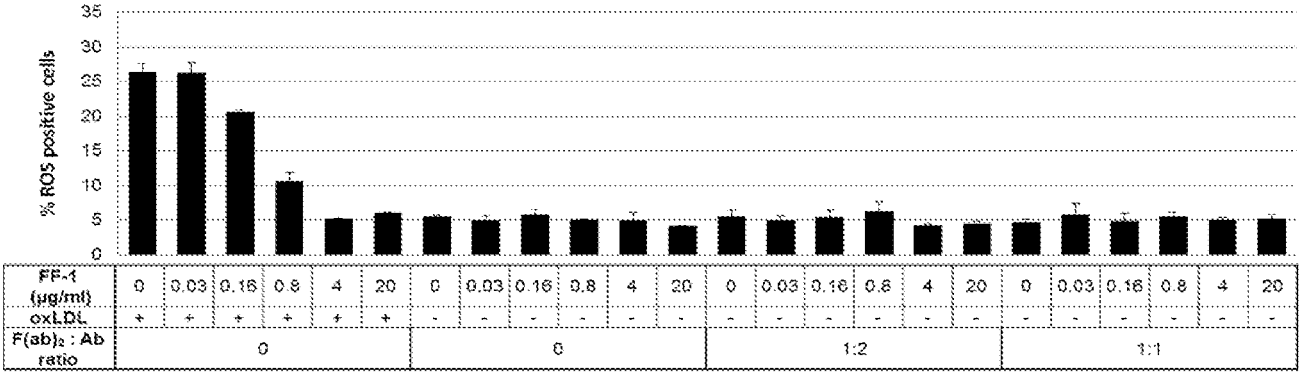

% ROS positive cells
35
30
25
20
15
10
5
0
FF-1 (μg/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4A

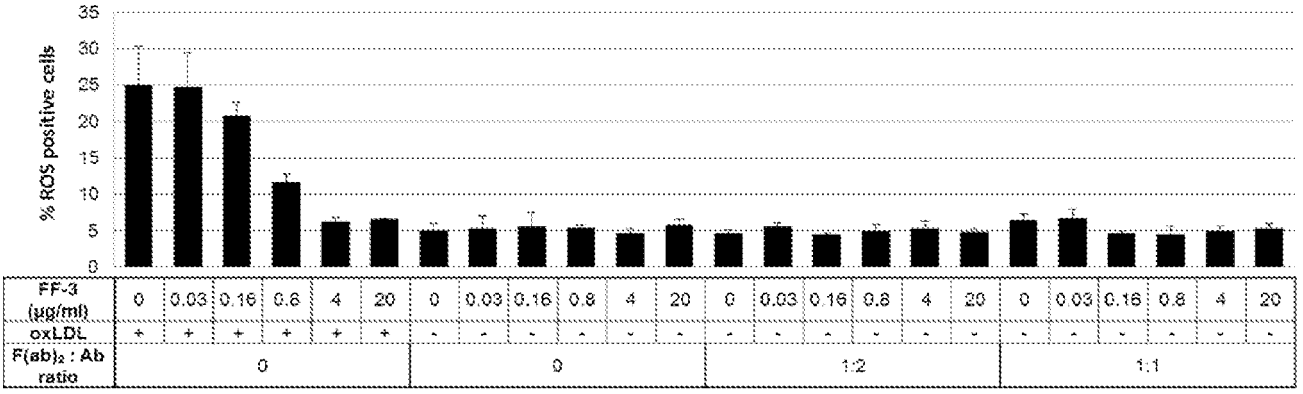

% ROS positive cells
35
30
25
20
15
10
5
0
FF-3 (μg/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4B

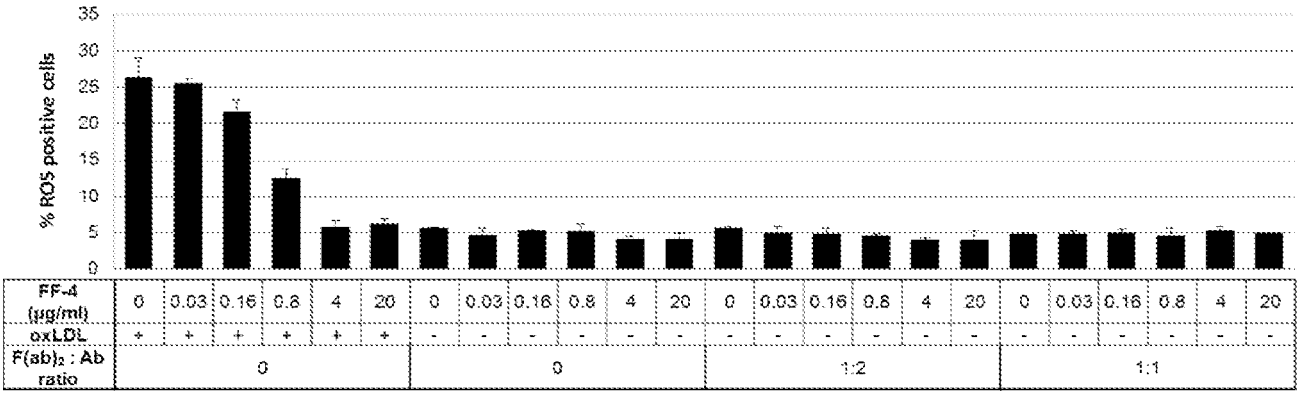

% ROS positive cells
35
30
25
20
15
10
5
0
FF-4 (μg/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4C

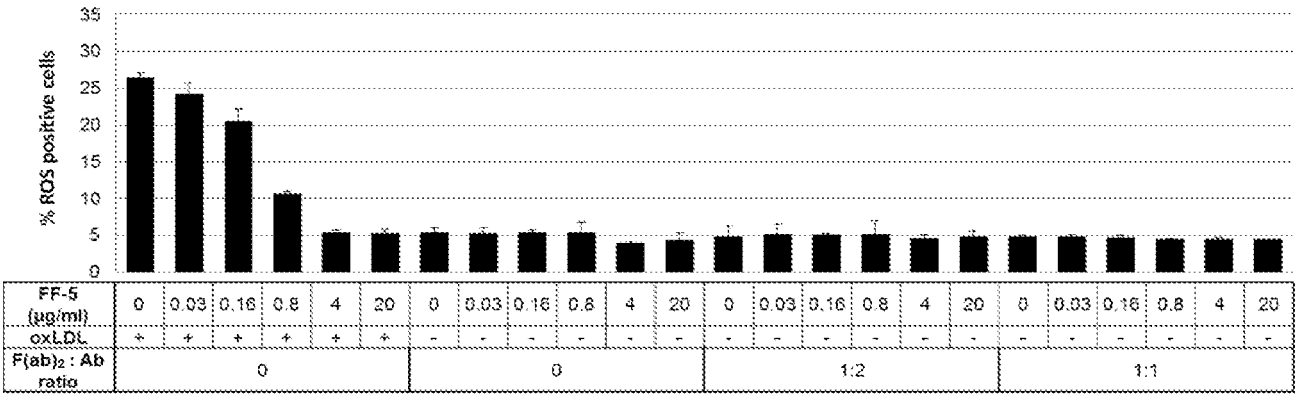

% ROS positive cells
35
30
25
20
15
10
5
0
FF-5 (μg/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4D

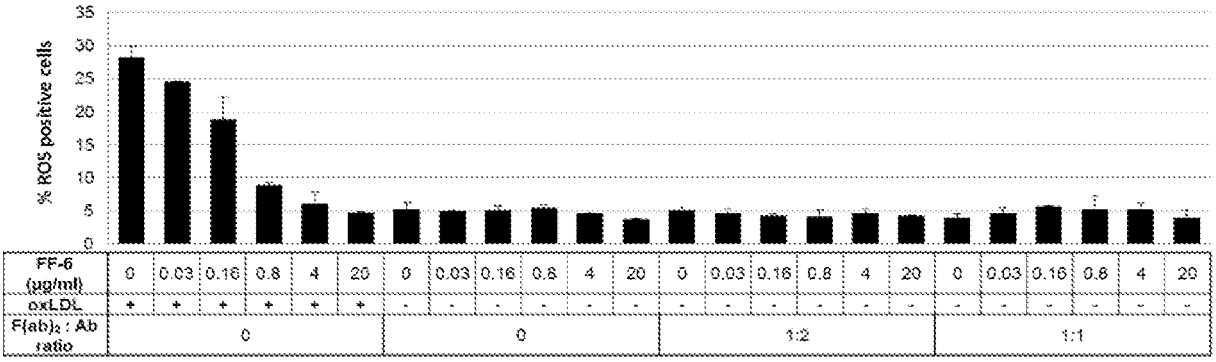

% ROS positive cells
35
30
25
20
15
10
5
0
FF-6 (ug/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4E

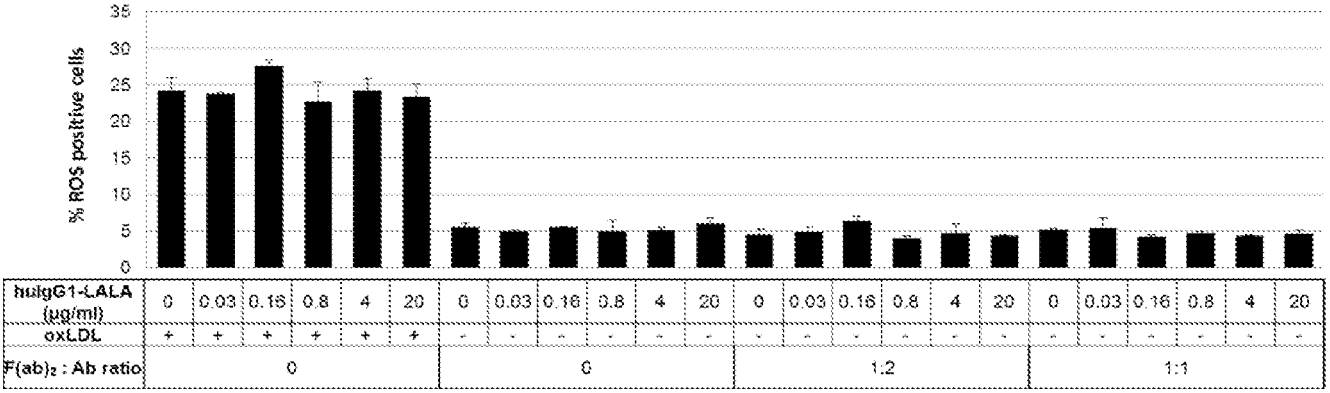

% ROS positive cells
35
30
25
20
15
10
5
0
huIgG1-LALA (ug/ml)
0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20 0 0.03 0.16 0.8 4 20
oxLDL
+ + + + + + - - - - - - - - - - - - - - - - - -
F(ab)2 : Ab ratio
0
0
1:2
1:1

FIG 4F

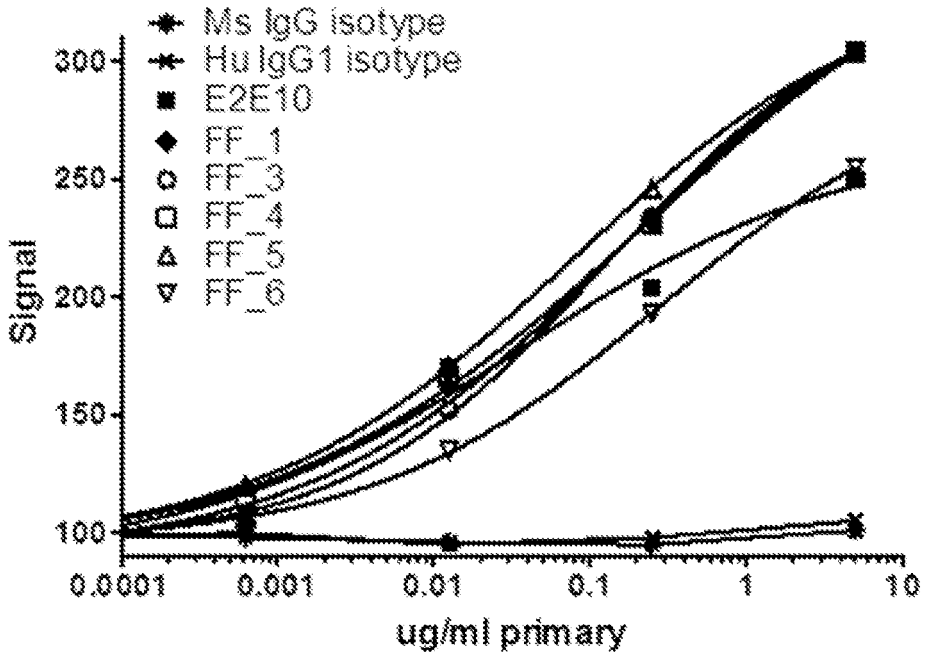

Ms IgG isotype
Hu IgG1 isotype
E2E10
FF_1
FF_3
FF_4
FF_5
FF_6
Signal
300
250
200
150
100
0.0001
0.001
0.01
0.1
1
10
ug/ml primary

FIG 5

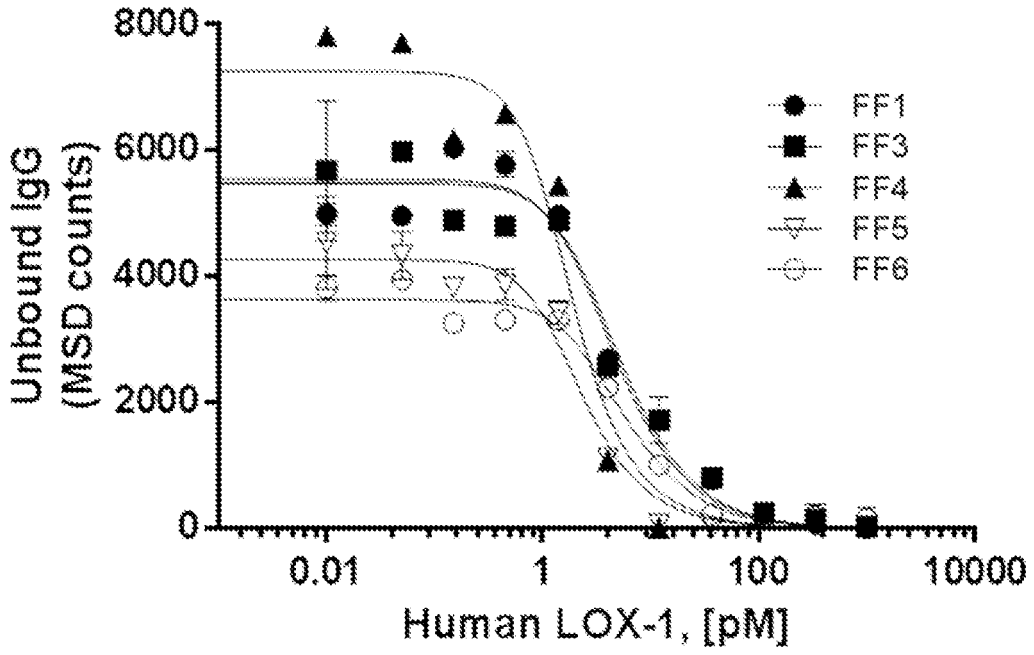

8000
6000
4000
2000
0
Unbound IgG (MSD counts)
0.01
1
100
10000
Human LOX-1, [pM]
FF1
FF3
FF4
FF5
FF6

FIG 6A

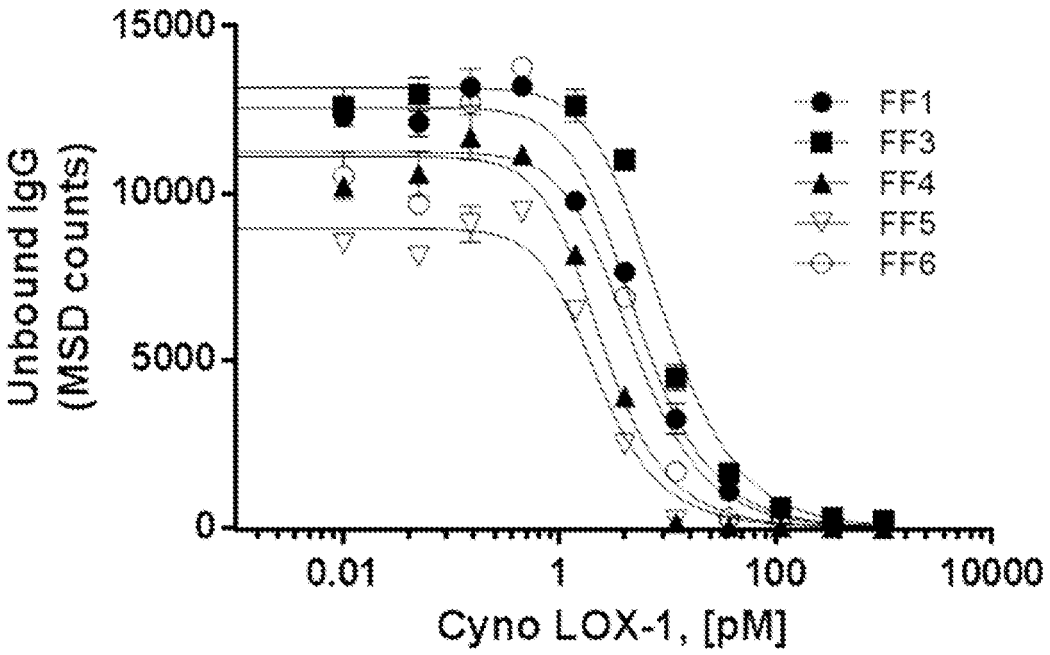

15000
10000
5000
0
Unbound IgG (MSD counts)
0.01
1
100
10000
Cyno LOX-1, [pM]
FF1
FF3
FF4
FF5
FF6

FIG 6B