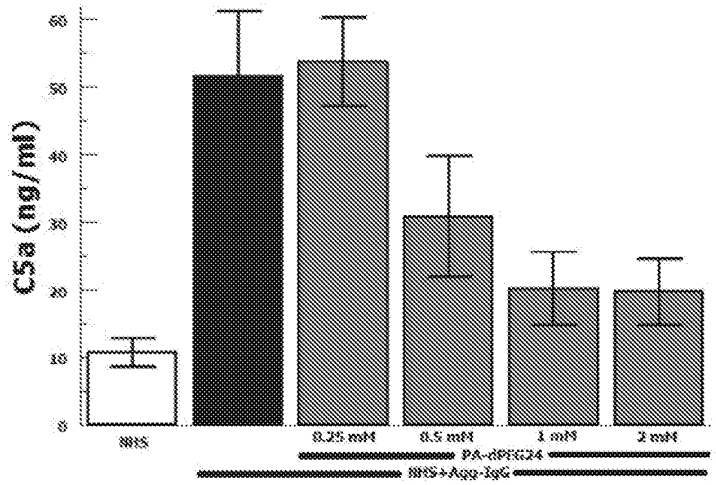

C5a (ng/ml)
60
50
40
30
20
10
0
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Agg-IgG

Fig. 1A

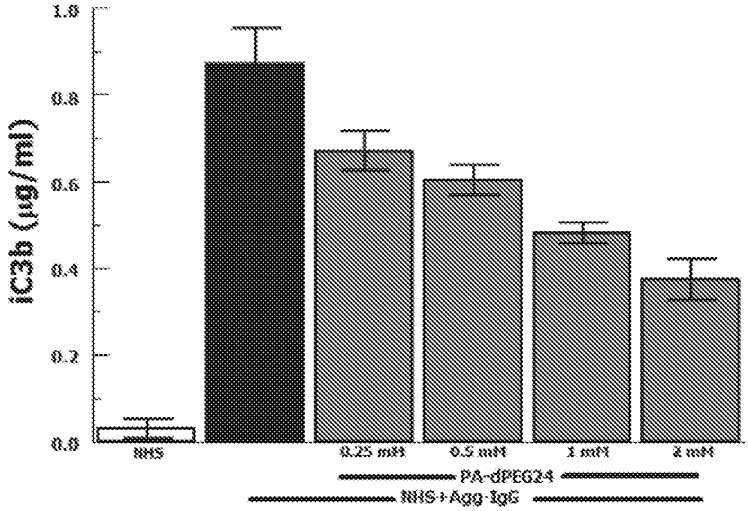

iC3b (µg/ml)
1.0
0.8
0.6
0.4
0.2
0.0
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Agg-IgG

Fig. 1B

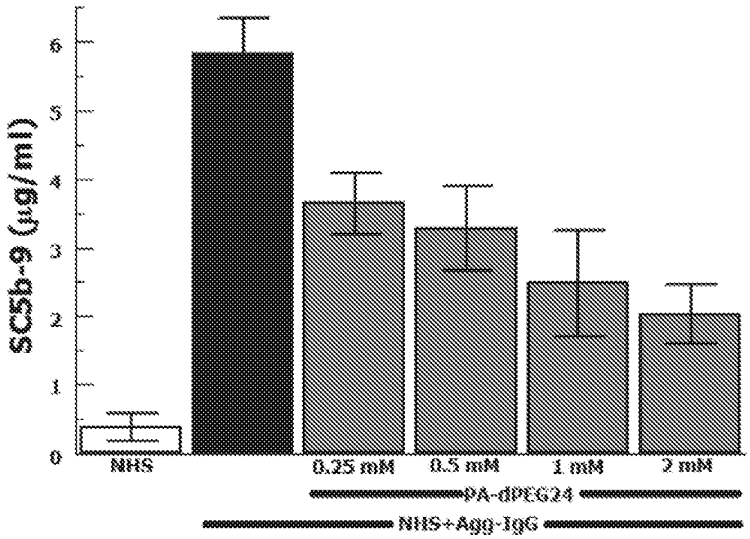

SC5b-9 (μg/ml)
0
1
2
3
4
5
6
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Agg-IgG

Fig. 1C

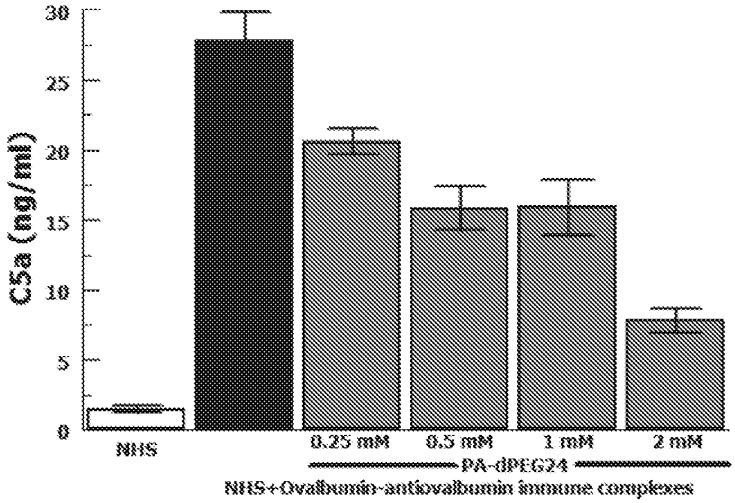

C5a (ng/ml)
0
5
10
15
20
25
30
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Ovalbumin-antiovalbumin immune complexes

Fig. 2A

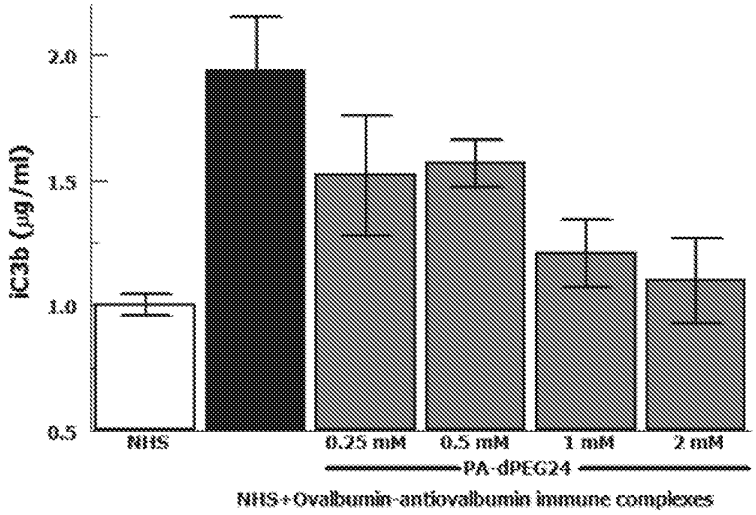

iC3b (μg/ml)
2.0
1.5
1.0
0.5
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Ovalbumin-antiovalbumin immune complexes

Fig. 2B

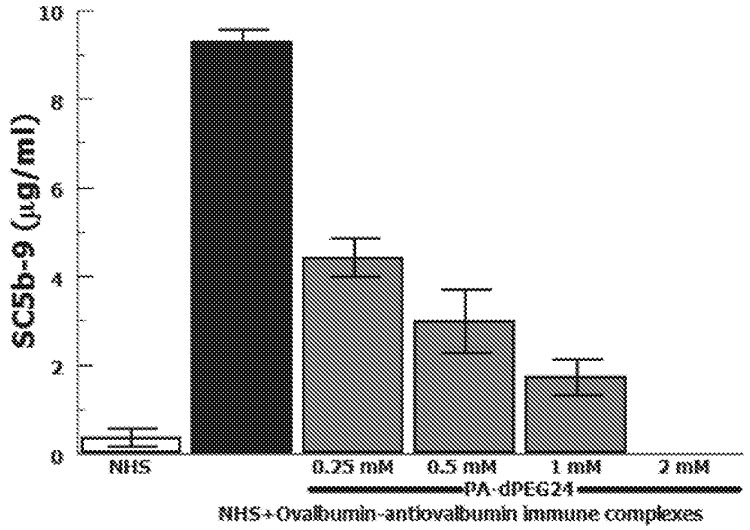

SC5b-9 (μg/ml)
10
8
6
4
2
0
NHS
0.25 mM
0.5 mM
1 mM
2 mM
PA-dPEG24
NHS+Ovalbumin-antiovalbumin immune complexes

Fig. 2C

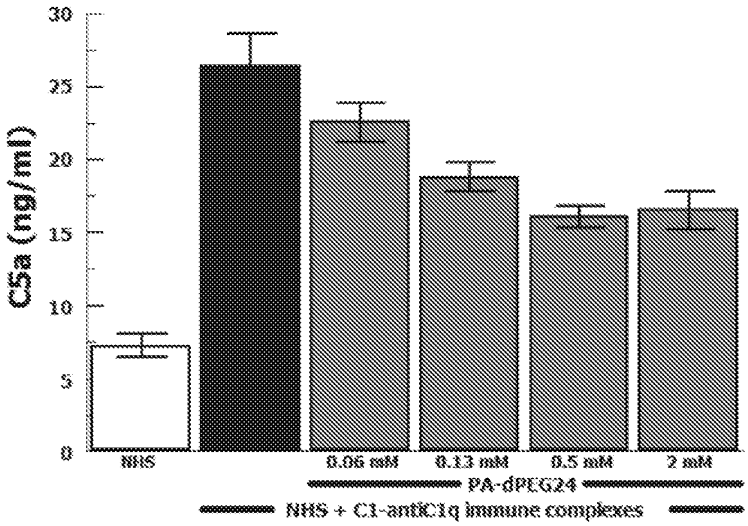

C5a (ng/ml)
30
25
20
15
10
5
0
NHS
0.06 mM
0.13 mM
0.5 mM
2 mM
PA-dPEG24
NHS + C1-antiC1q immune complexes

Fig. 3A

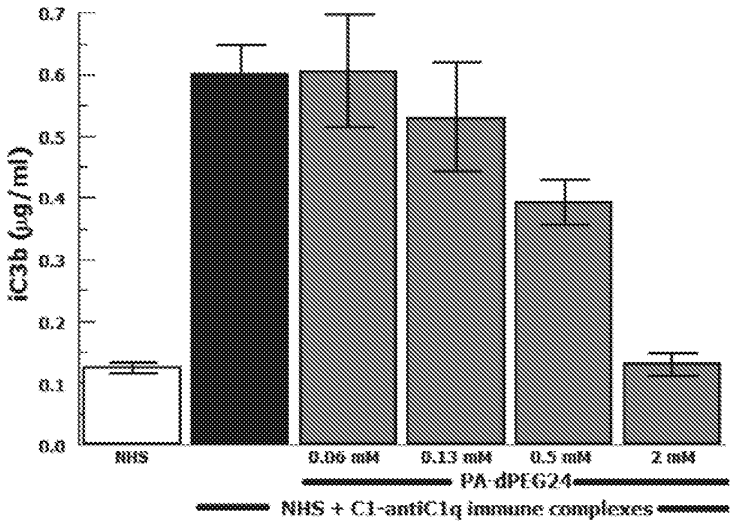

iC3b (µg/ml)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
NHS
0.06 mM
0.13 mM
0.5 mM
2 mM
PA-dPEG24
NHS + C1-antiC1q immune complexes

Fig. 3B

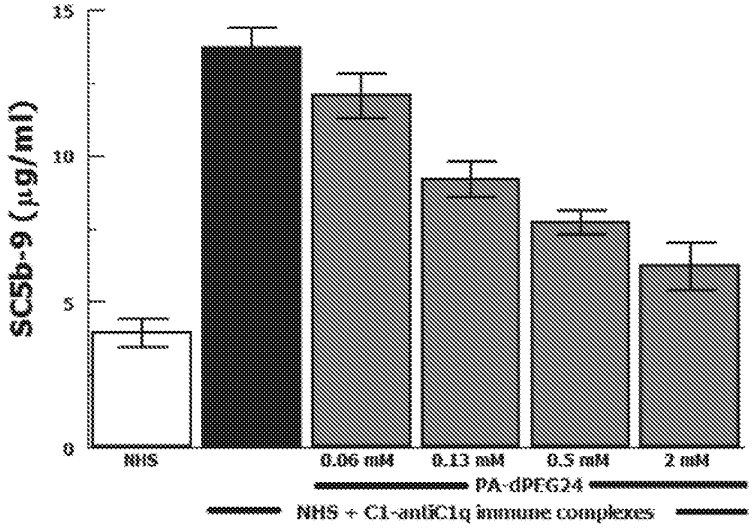

SC5b-9 (µg/ml)
15
10
5
0
NHS
0.06 mM
0.13 mM
0.5 mM
2 mM
PA-dPEG24
NHS + C1-antiC1q immune complexes

Fig. 3C

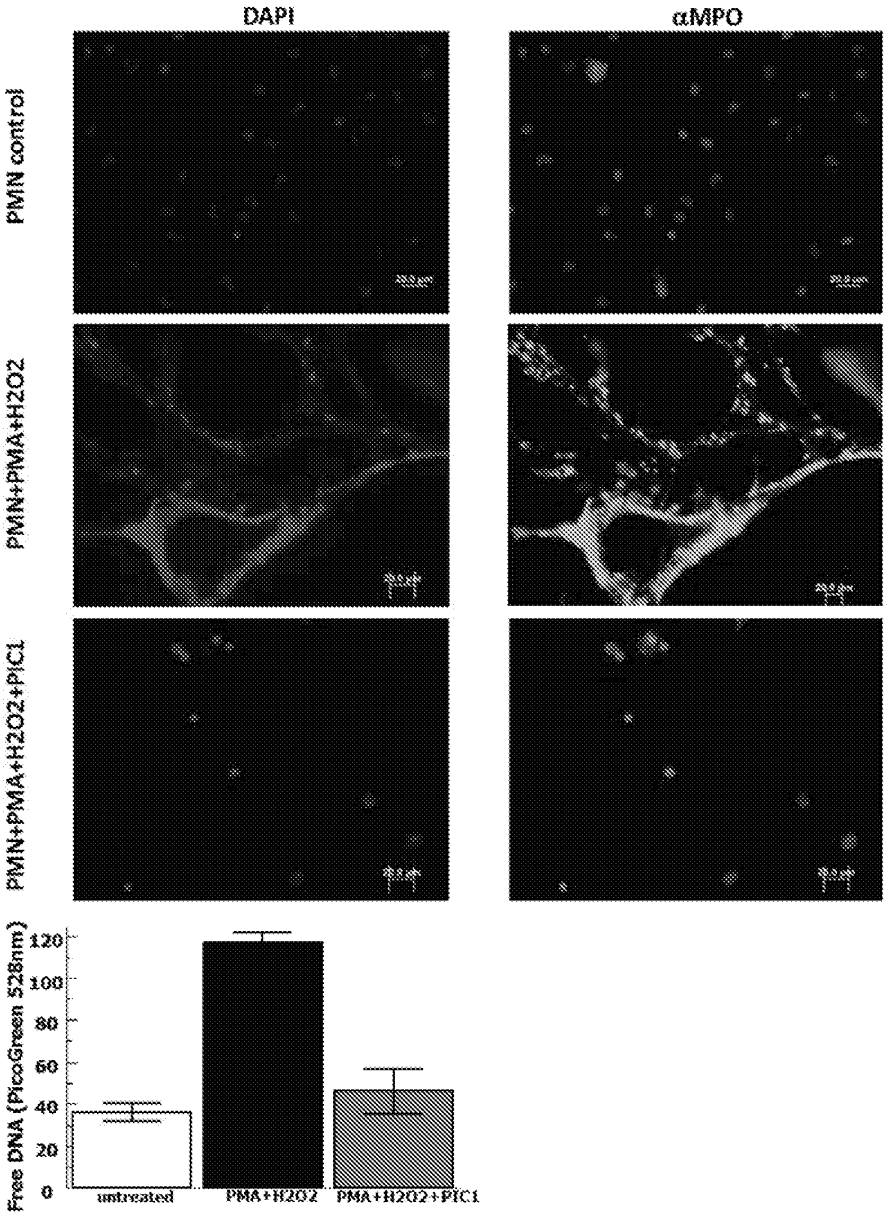

DAPI
αMPO
PMN control
PMN+PMA+H2O2
PMN+PMA+H2O2+PIC1
Free DNA (PicoGreen 528nm)
120
100
80
60
40
20
0
untreated
PMA+H2O2
PMA+H2O2+PIC1

Fig. 4

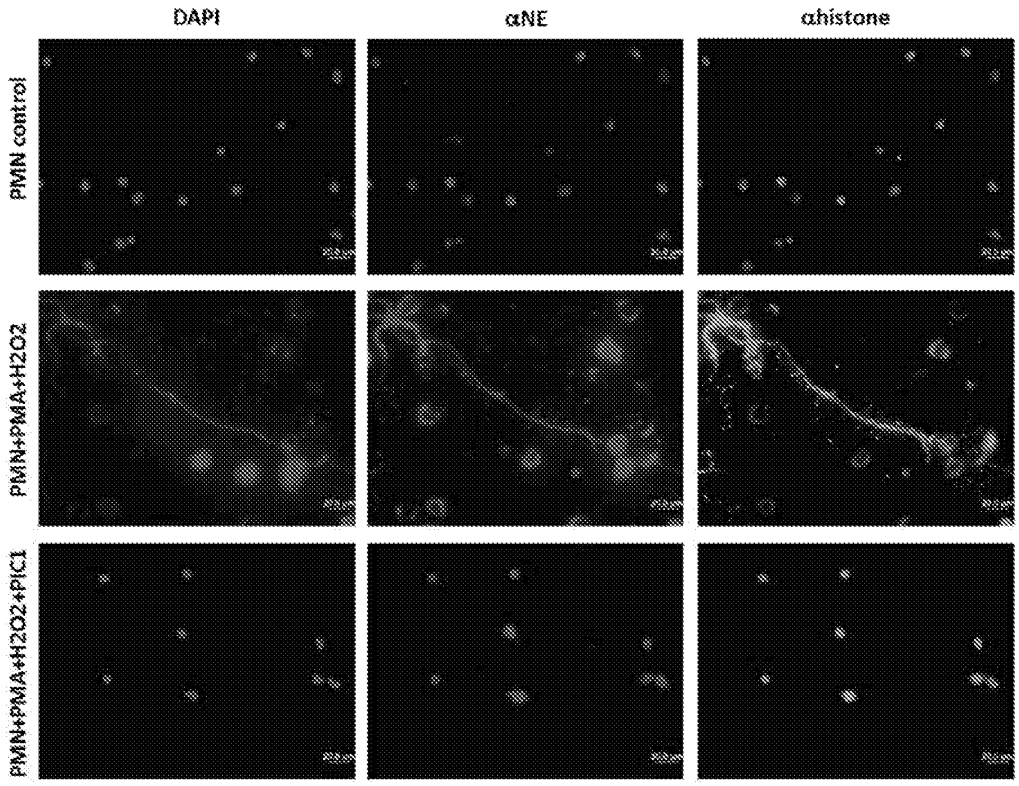


Fig. 5

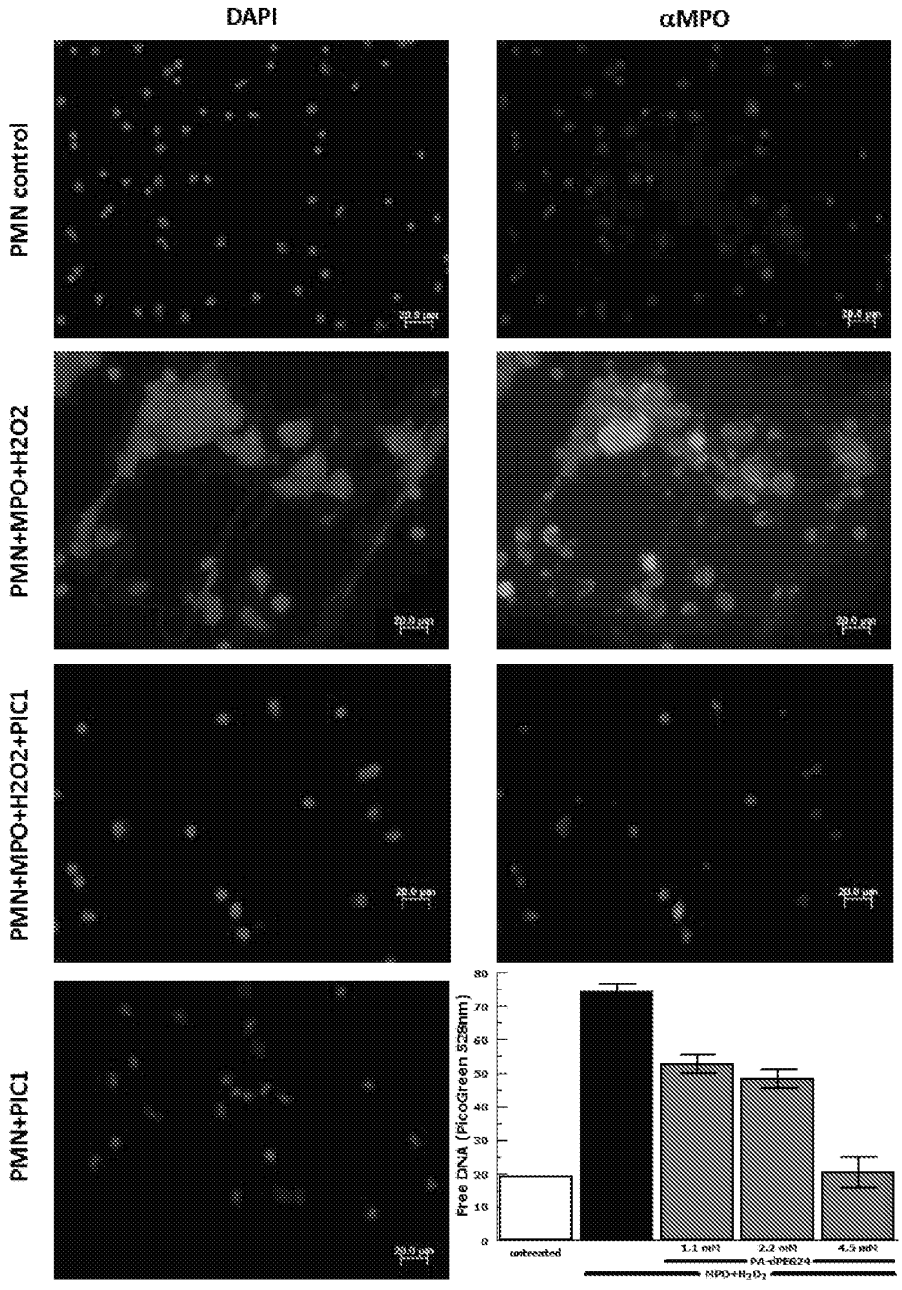

DAPI
αMPO
PMN control
PMN+MPO+H2O2
PMN+MPO+H2O2+PIC1
PMN+PIC1
Free DNA (PicoGreen 528nm)
untreated
1.1 nM
2.2 nM
4.5 nM
PA-sPE624
NPO+H2O2

Fig. 6

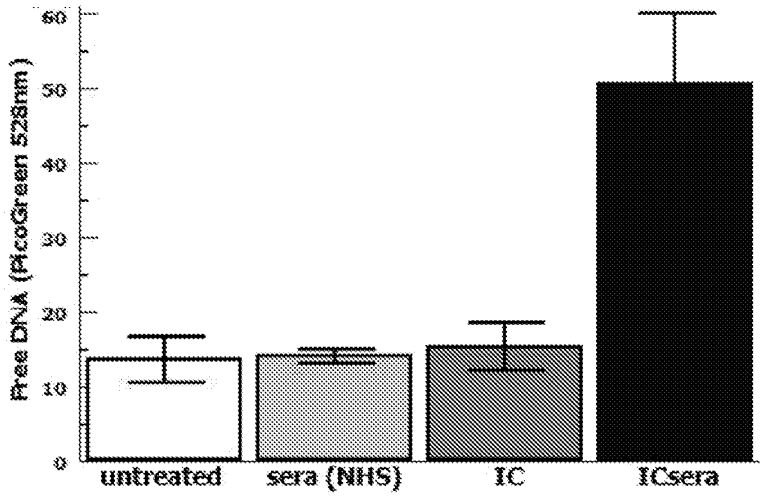

Free DNA (PicoGreen 528nm)
60
50
40
30
20
10
0
untreated
sera (NHS)
IC
ICsera

Fig. 7A

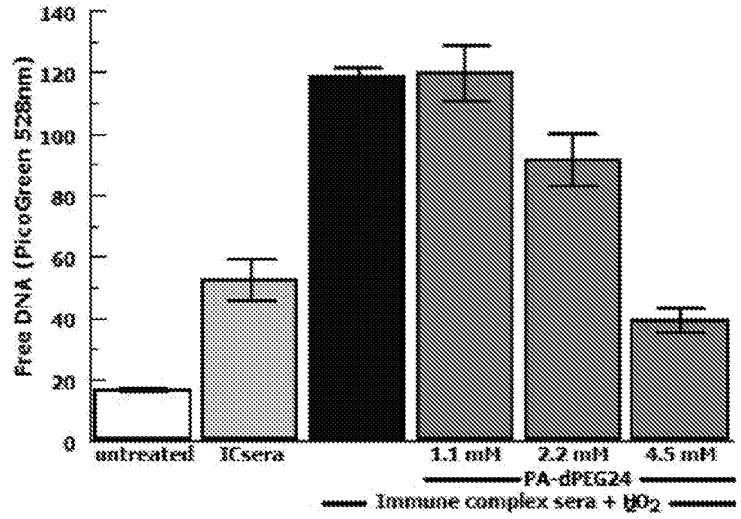

Free DNA (PicoGreen 528nm)
140
120
100
80
60
40
20
0
untreated
ICsera
1.1 mM
2.2 mM
4.5 mM
PA-dPEG24
Immune complex sera + IgO_2

Fig. 7B

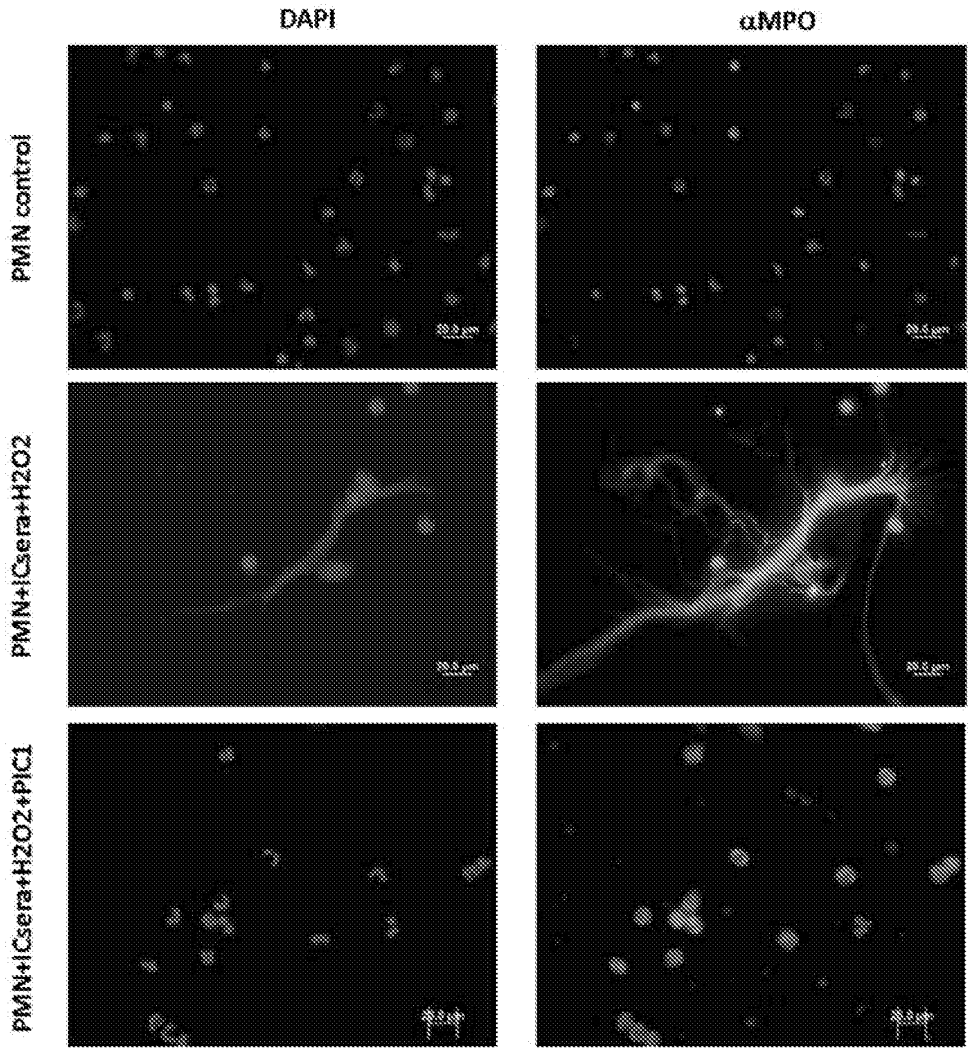


Fig. 7C

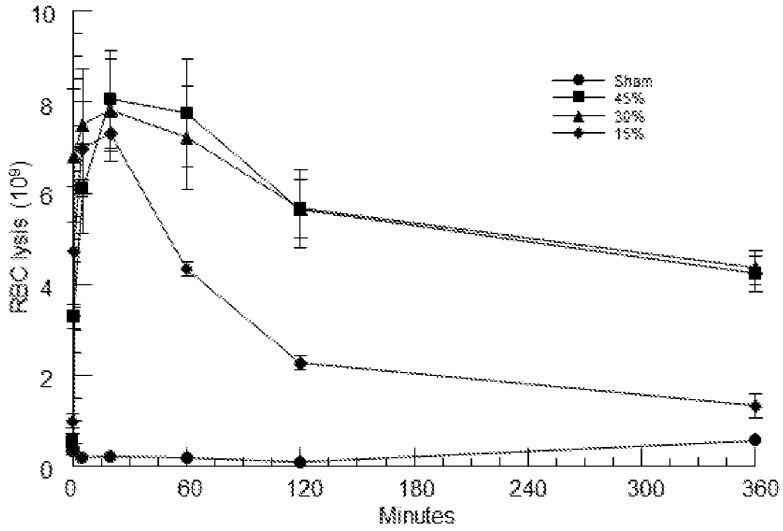

10
8
6
4
2
0
RBC lysis (10^9)
0
60
120
180
240
300
360
Minutes
Sham
45%
30%
15%

Fig. 8A

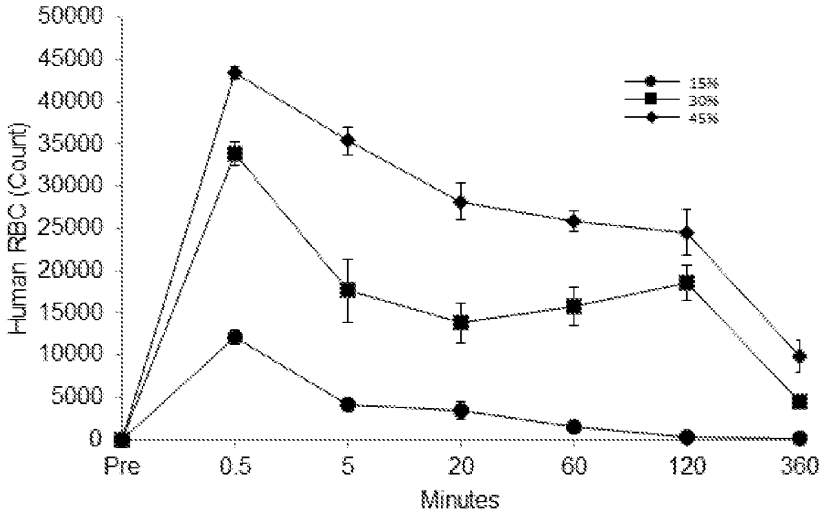

50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
Human RBC (Count)
Pre
0.5
5
20
60
120
360
Minutes
15%
30%
45%

Fig. 8B

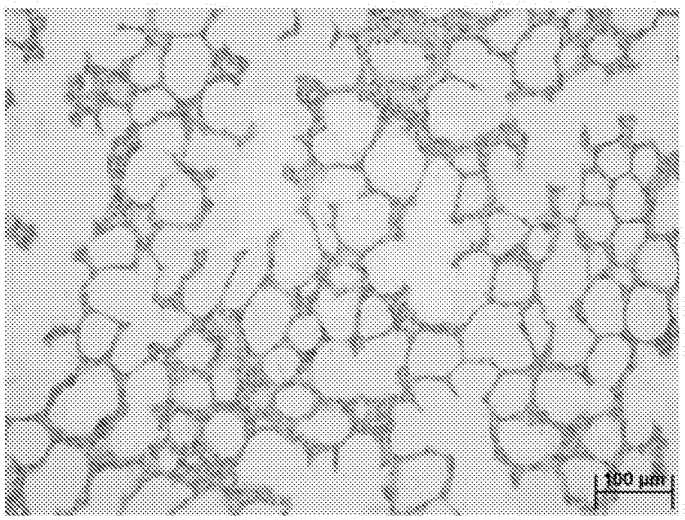


Fig. 9A

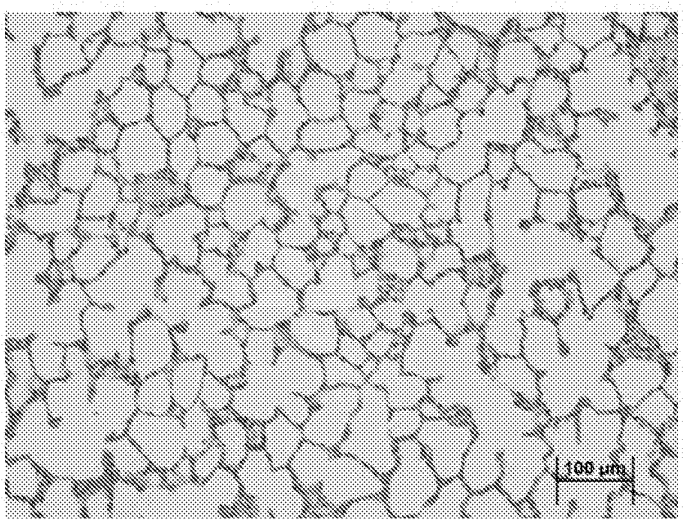


Fig. 9B

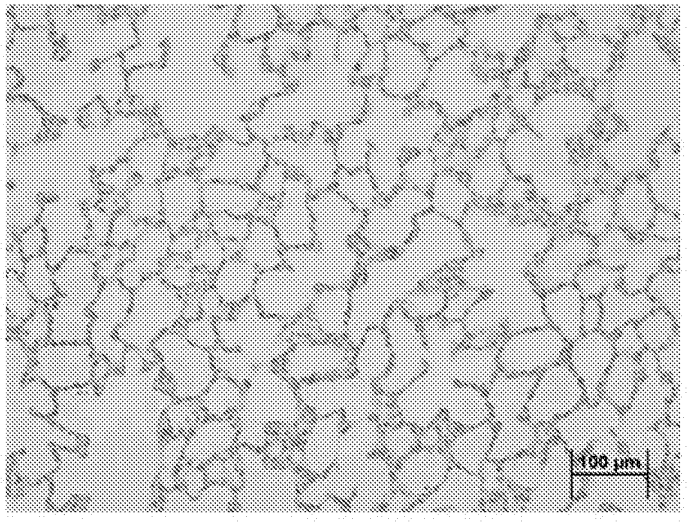


Fig. 9C

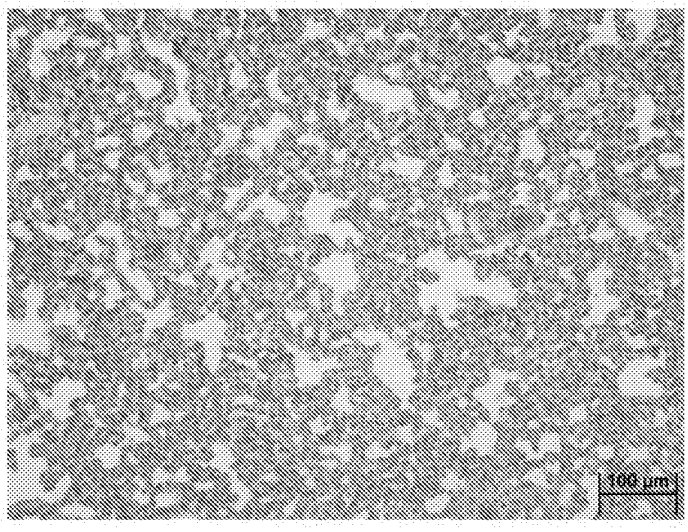


Fig. 9D

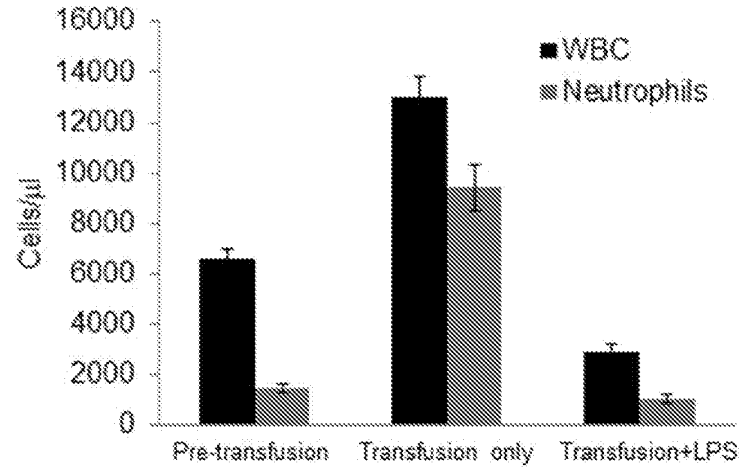


Fig. 10A

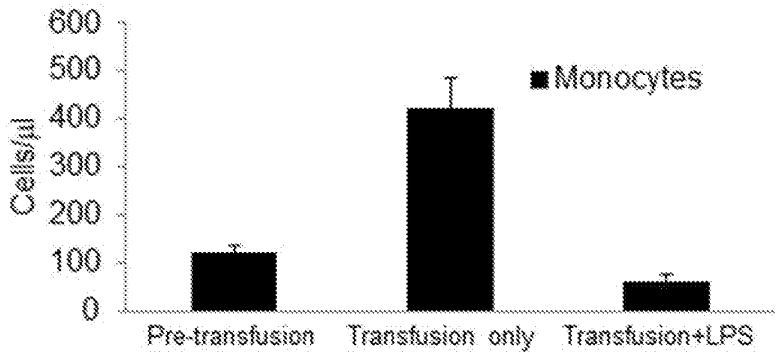


Fig. 10B

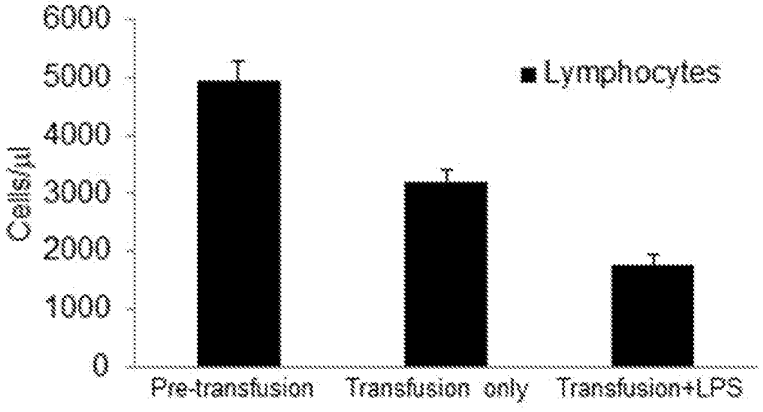


Fig. 10C

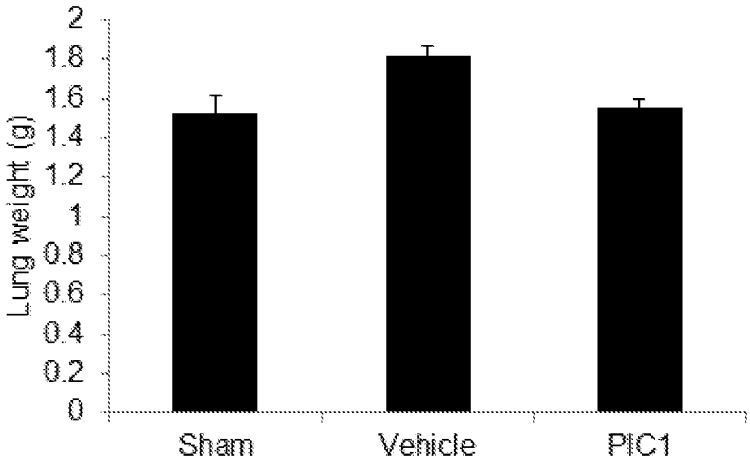


Fig. 11A

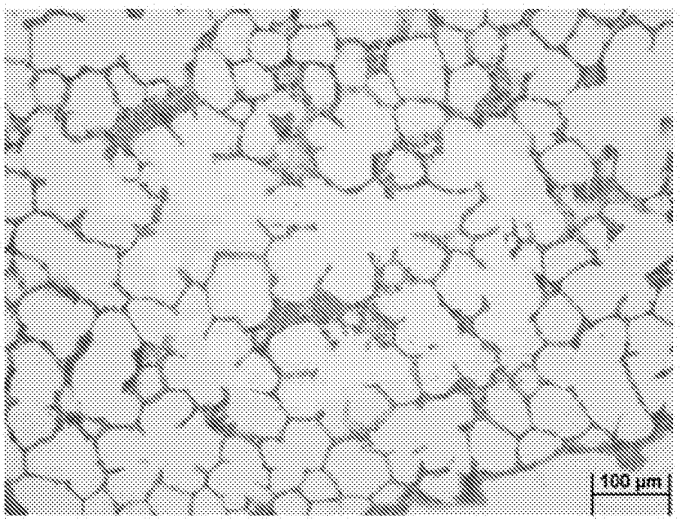


Fig. 11B

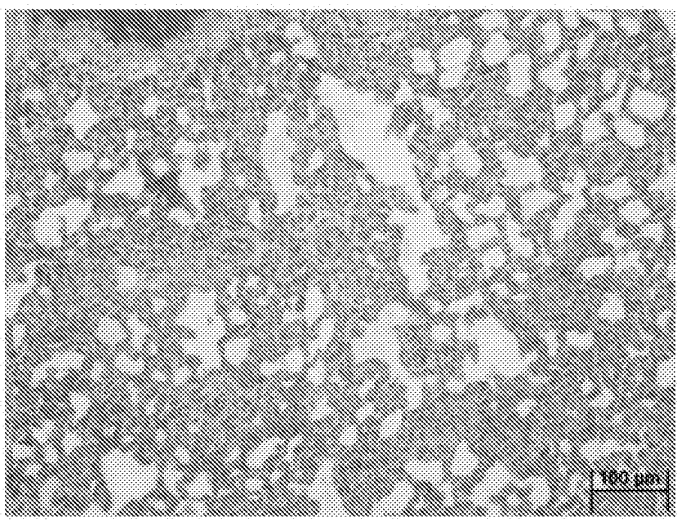


Fig. 11C

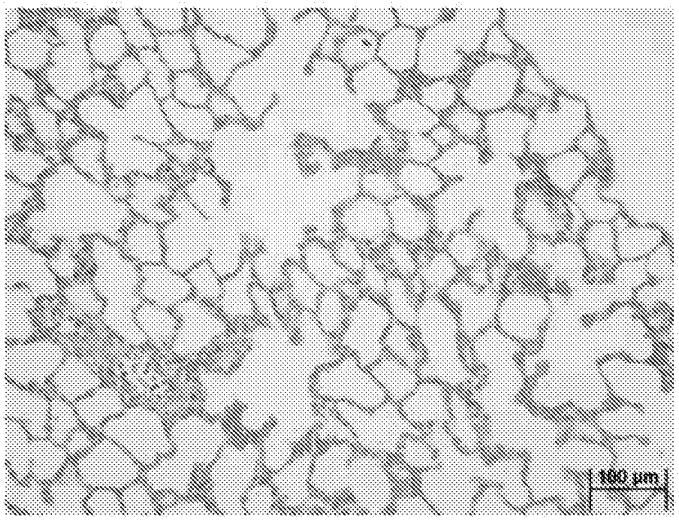


Fig. 11D

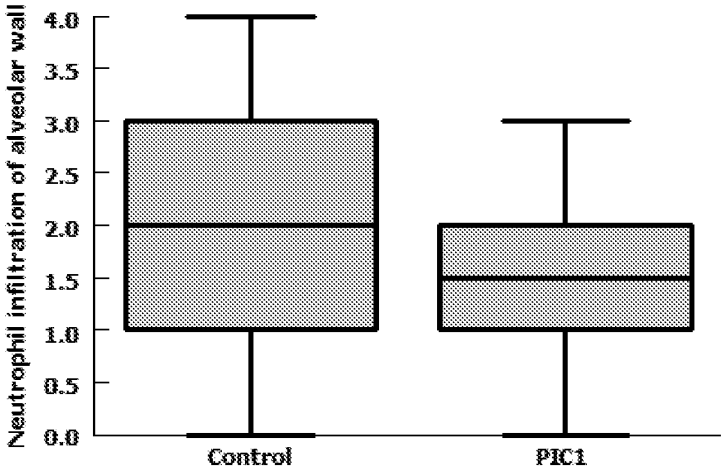


Fig. 12A

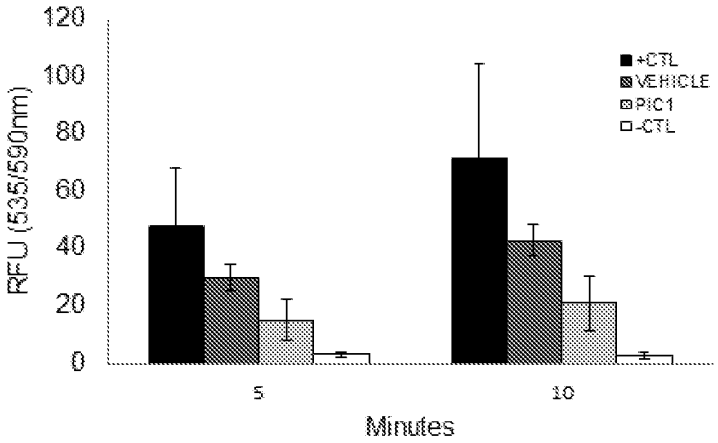


Fig. 12B

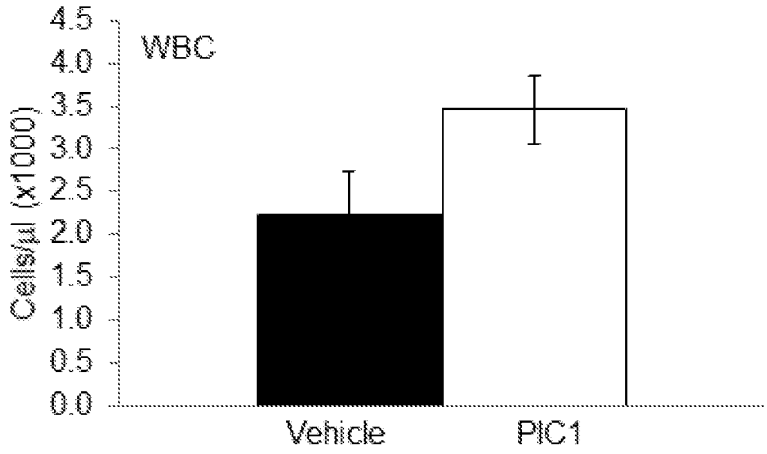


Fig. 13A

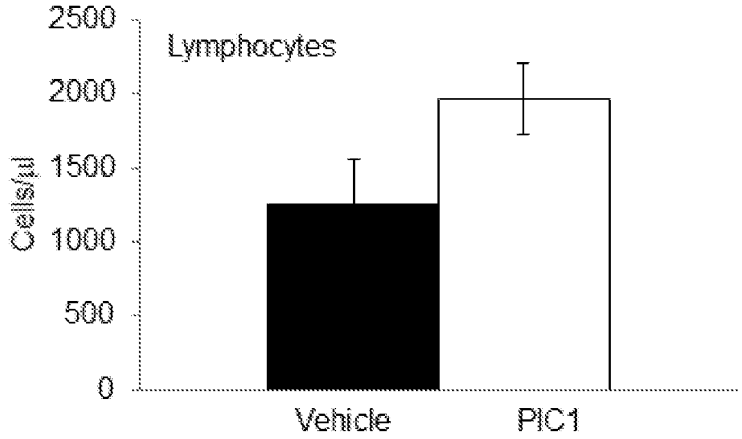


Fig. 13B

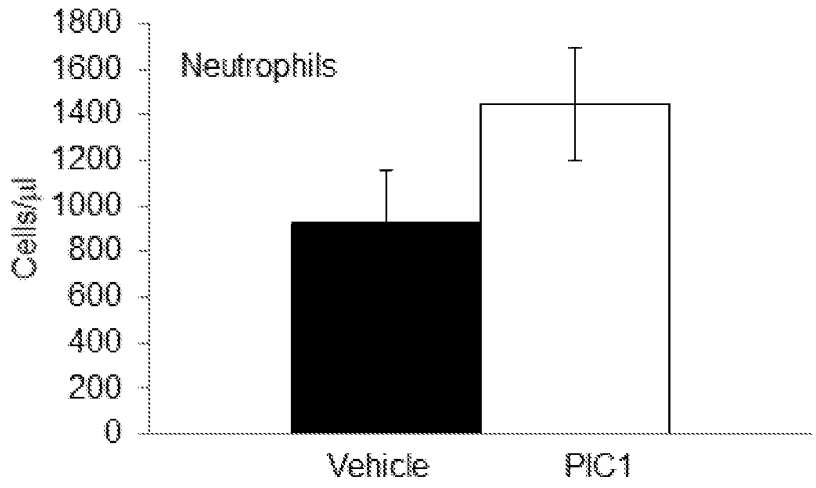


Fig. 13C

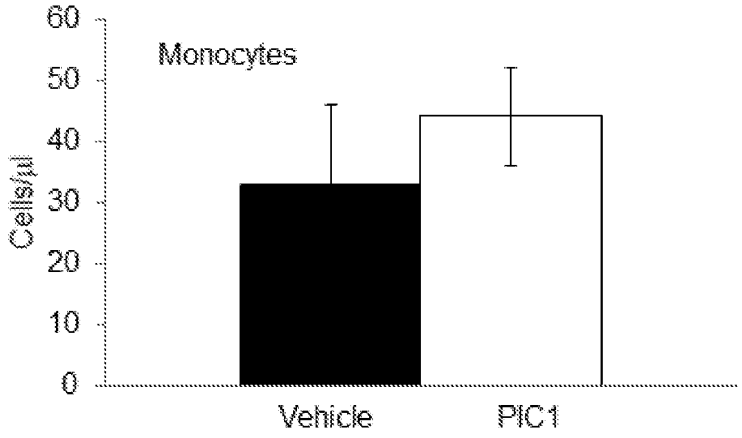


Fig. 13D

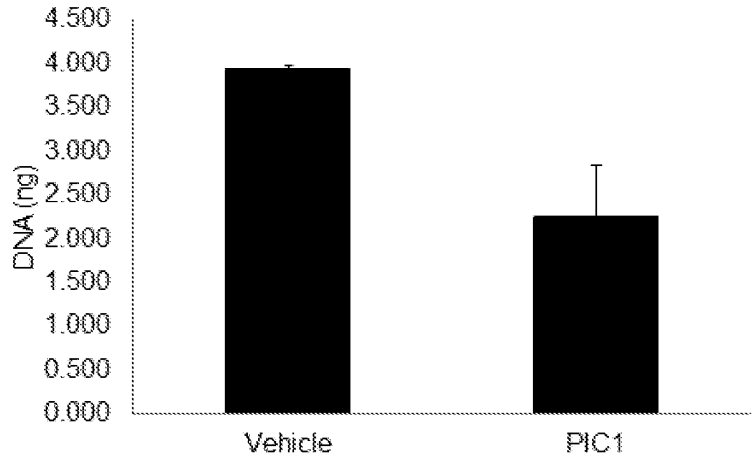

4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
DNA (ng)
Vehicle
PIC1

Fig. 14

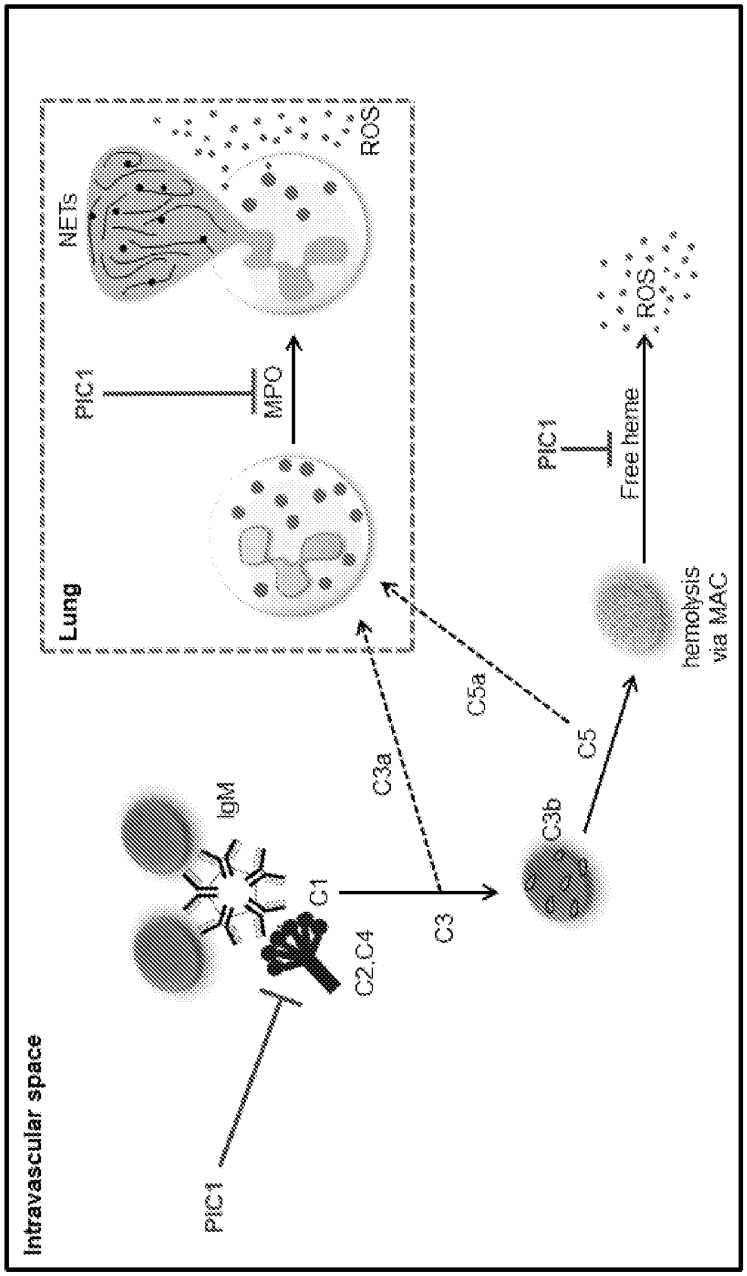

Intravascular space
PIC1
IgM
C1
C2,C4
C3
C3a
C3b
C5
C5a
hemolysis
via MAC
Lung
NETs
ROS
PIC1
MPO
PIC1
Free heme
ROS

Fig. 15

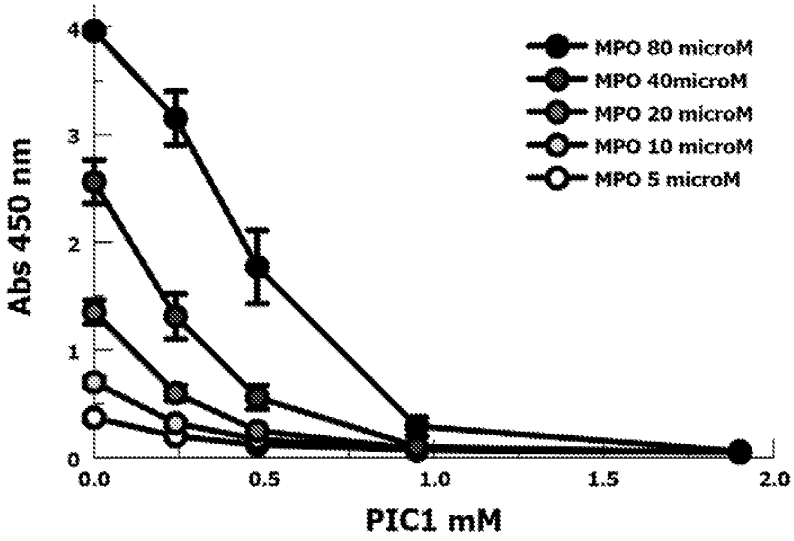

MPO 80 microM
MPO 40microM
MPO 20 microM
MPO 10 microM
MPO 5 microM
Abs 450 nm
PIC1 mM
0
1
2
3
4
0.0
0.5
1.0
1.5
2.0

Fig. 16

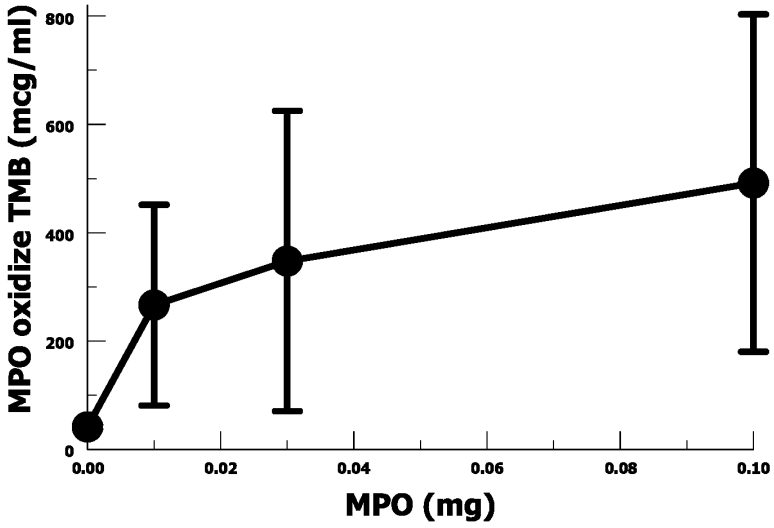

MPO oxidize TMB (mcg/ml)
MPO (mg)
0
200
400
600
800
0.00
0.02
0.04
0.06
0.08
0.10

Fig. 17

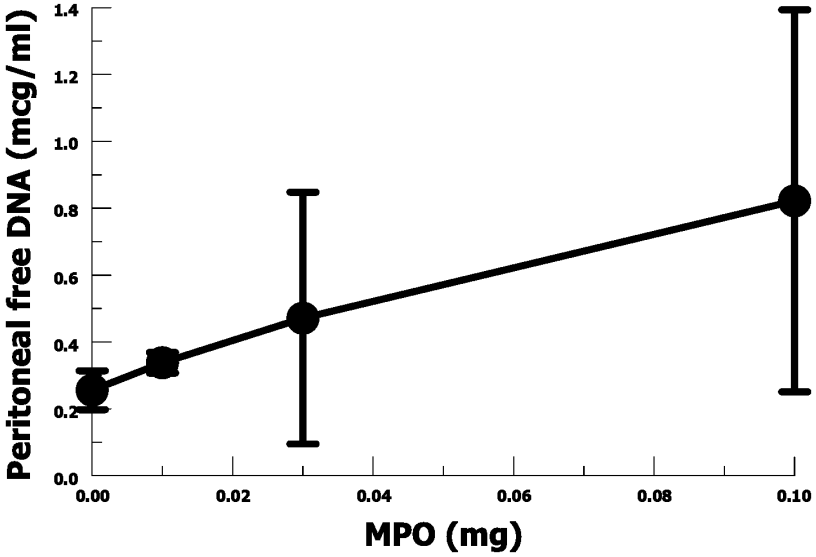

Peritoneal free DNA (mcg/ml)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.02
0.04
0.06
0.08
0.10
MPO (mg)

Fig. 18

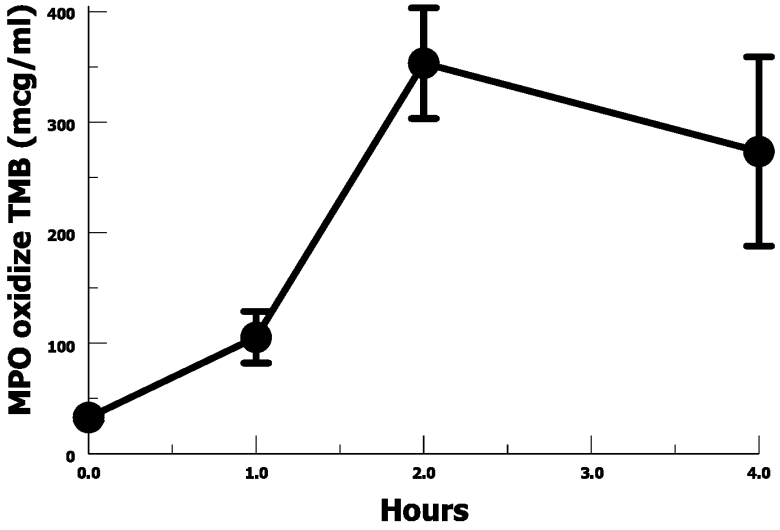

MPO oxidize TMB (mcg/ml)
400
300
200
100
0
0.0
1.0
2.0
3.0
4.0
Hours

Fig. 19

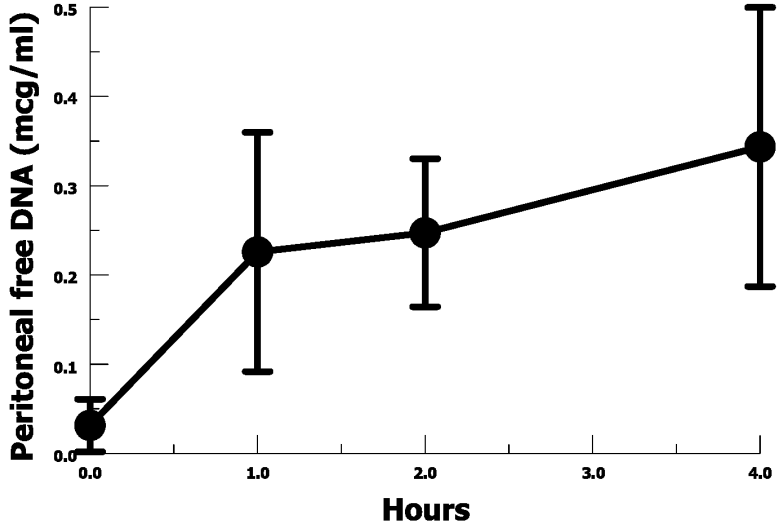

Peritoneal free DNA (mcg/ml)
0.5
0.4
0.3
0.2
0.1
0.0
0.0
1.0
2.0
3.0
4.0
Hours

Fig. 20

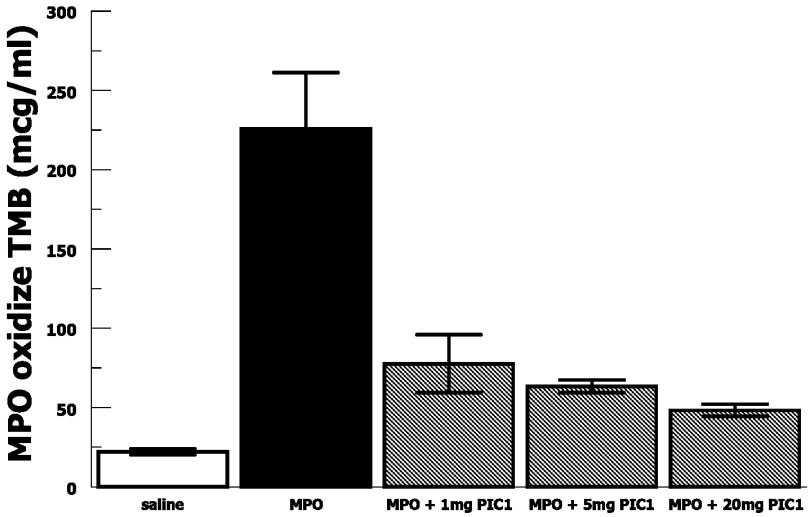

MPO oxidize TMB (mcg/ml)
300
250
200
150
100
50
0
saline
MPO
MPO + 1mg PIC1
MPO + 5mg PIC1
MPO + 20mg PIC1

Fig. 21

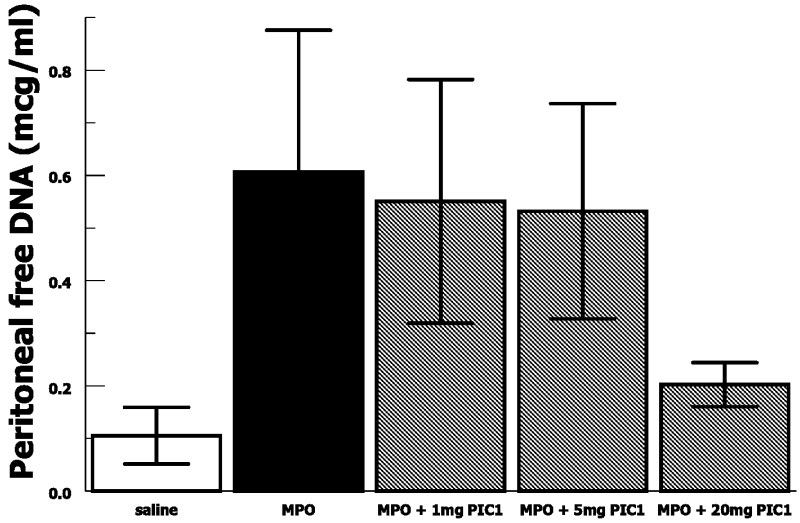

Peritoneal free DNA (mcg/ml)
0.0
0.2
0.4
0.6
0.8
saline
MPO
MPO + 1mg PIC1
MPO + 5mg PIC1
MPO + 20mg PIC1

Fig. 22

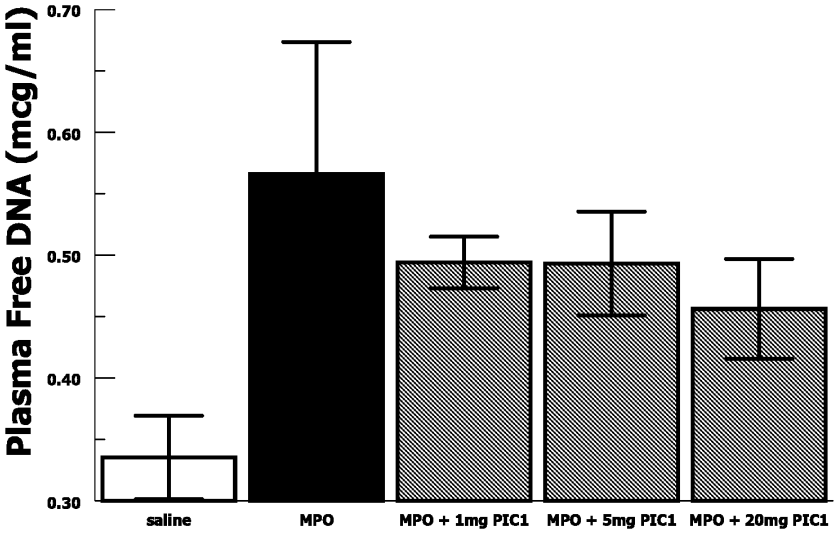

Plasma Free DNA (mcg/ml)
0.30
0.40
0.50
0.60
0.70
saline
MPO
MPO + 1mg PIC1
MPO + 5mg PIC1
MPO + 20mg PIC1

Fig. 23