Figure 1.

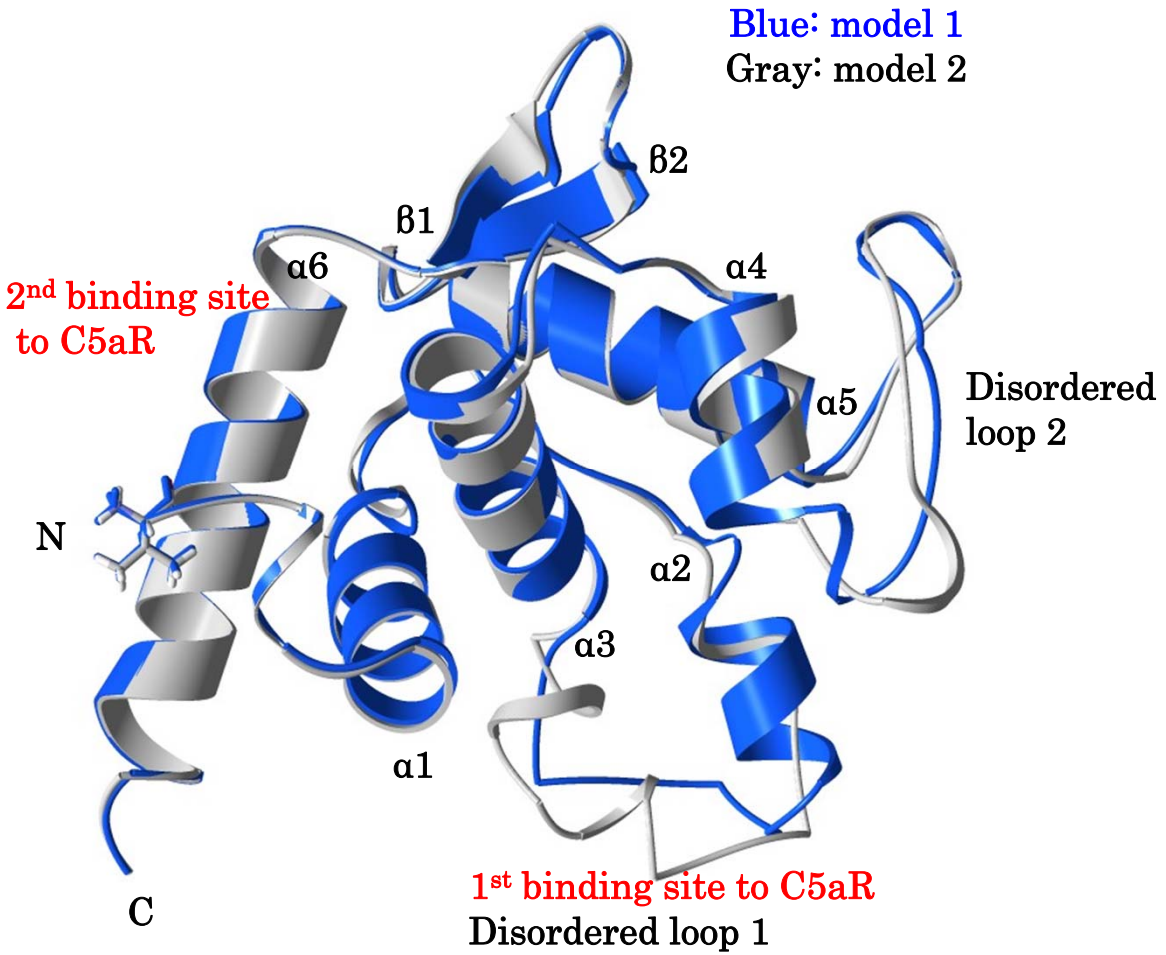
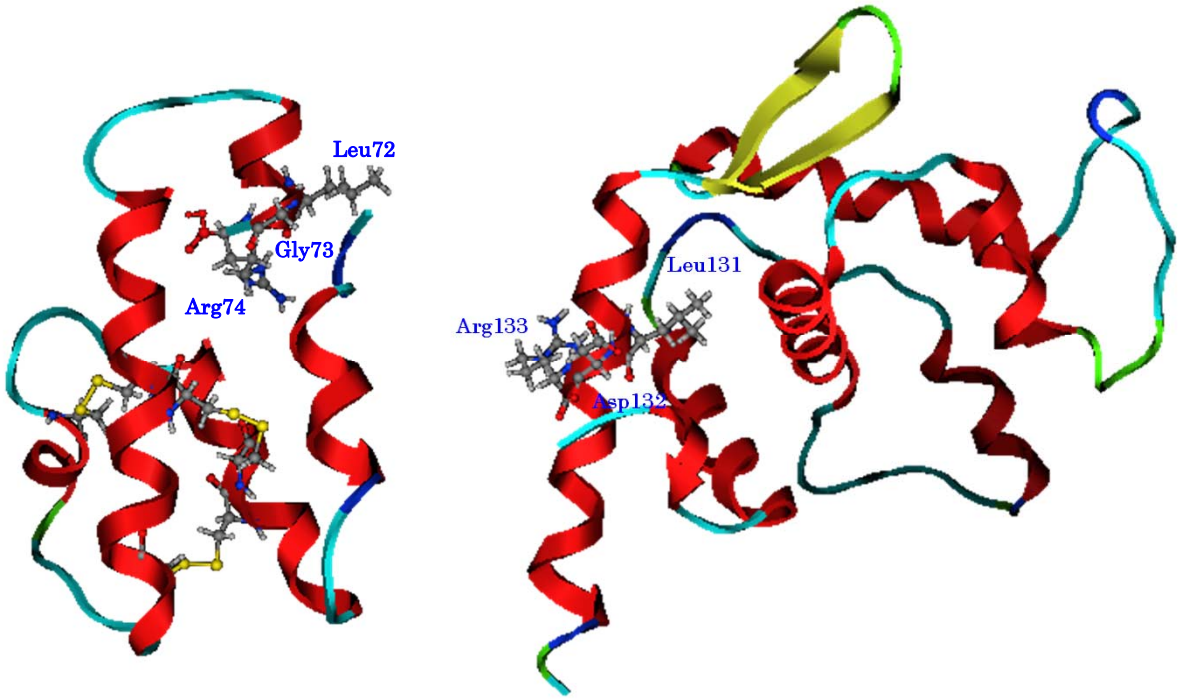

Blue: model 1
Gray: model 2
β2
β1
α6
α4
2nd binding site
to C5aR
α5
Disordered
loop 2
N
α2
α3
α1
C
1st binding site to C5aR
Disordered loop 1

Figure 2.



Human C5a

Human RP S19

Figure 3.

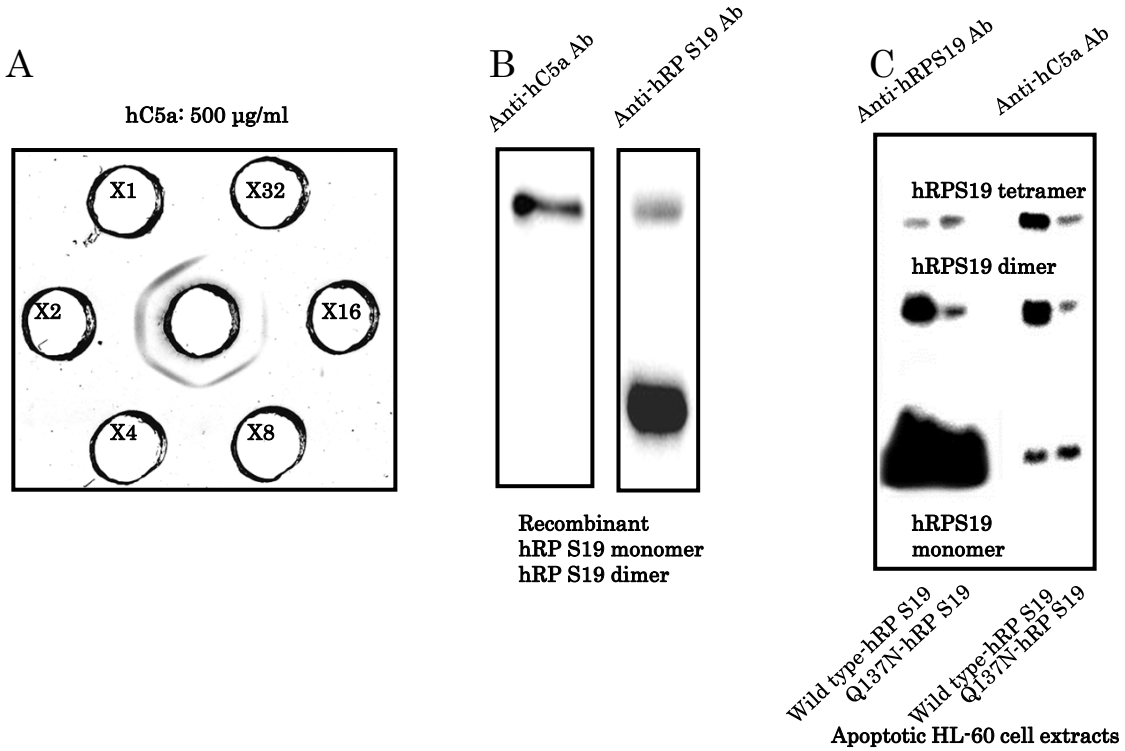

A
hC5a: 500 μg/ml
X1
X32
X2
X16
X4
X8
B
Anti-hC5a Ab
Anti-hRP S19 Ab
Recombinant
hRP S19 monomer
hRP S19 dimer
C
Anti-hRPS19 Ab
Anti-hC5a Ab
hRPS19 tetramer
hRPS19 dimer
hRPS19
monomer
Wild type-hRP S19
Q137N-hRP S19
Wild type-hRP S19
Q137N-hRP S19
Apoptotic HL-60 cell extracts

Figure 4.

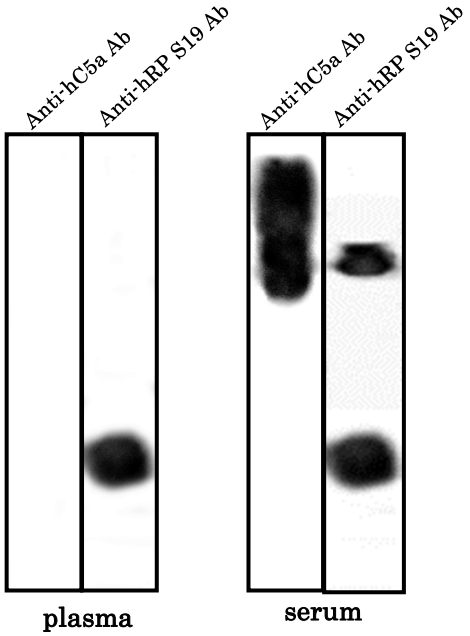

Anti-hC5a Ab
Anti-hRP S19 Ab
Anti-hC5a Ab
Anti-hRP S19 Ab
plasma
serum

Figure 5.

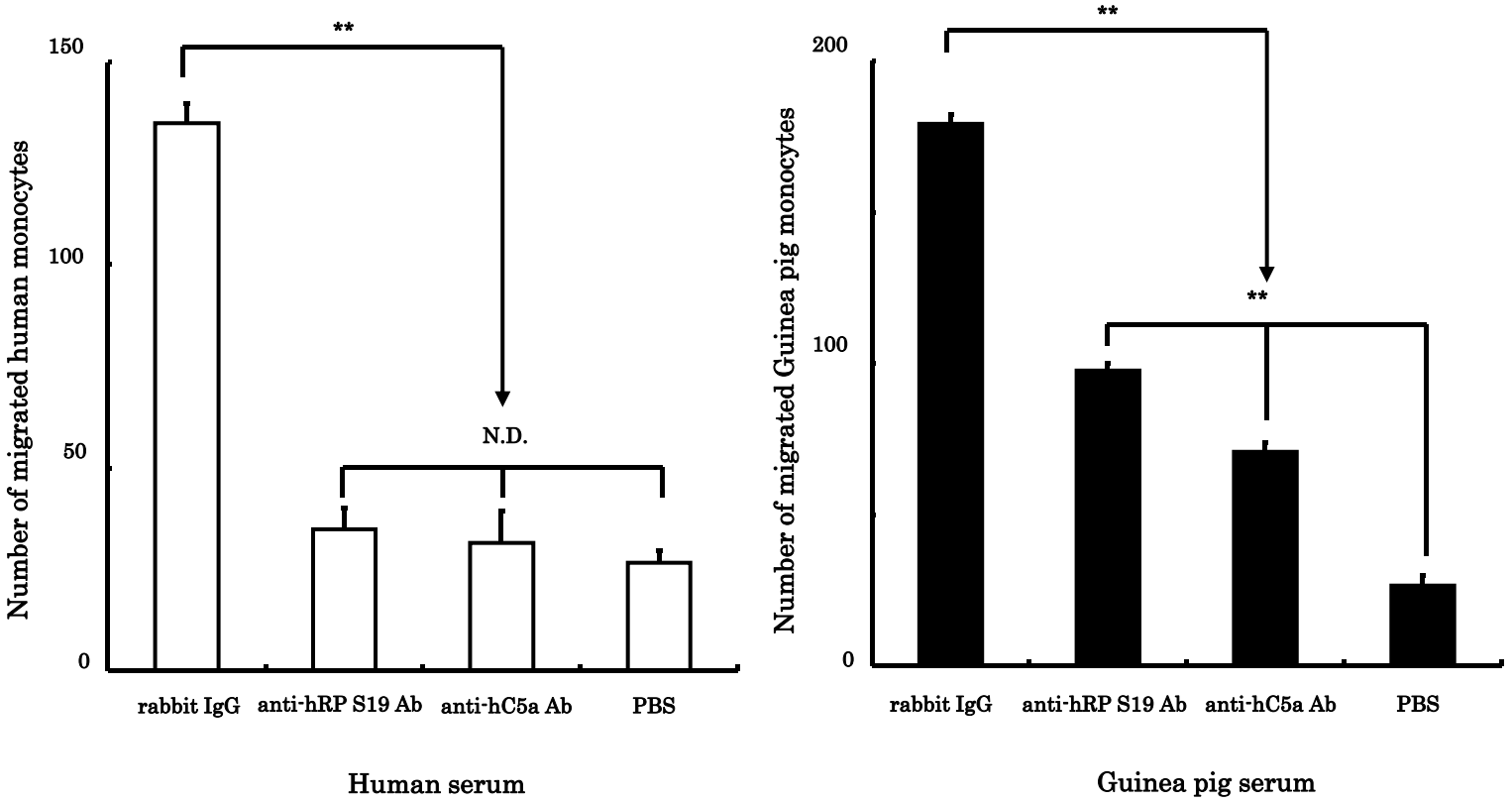
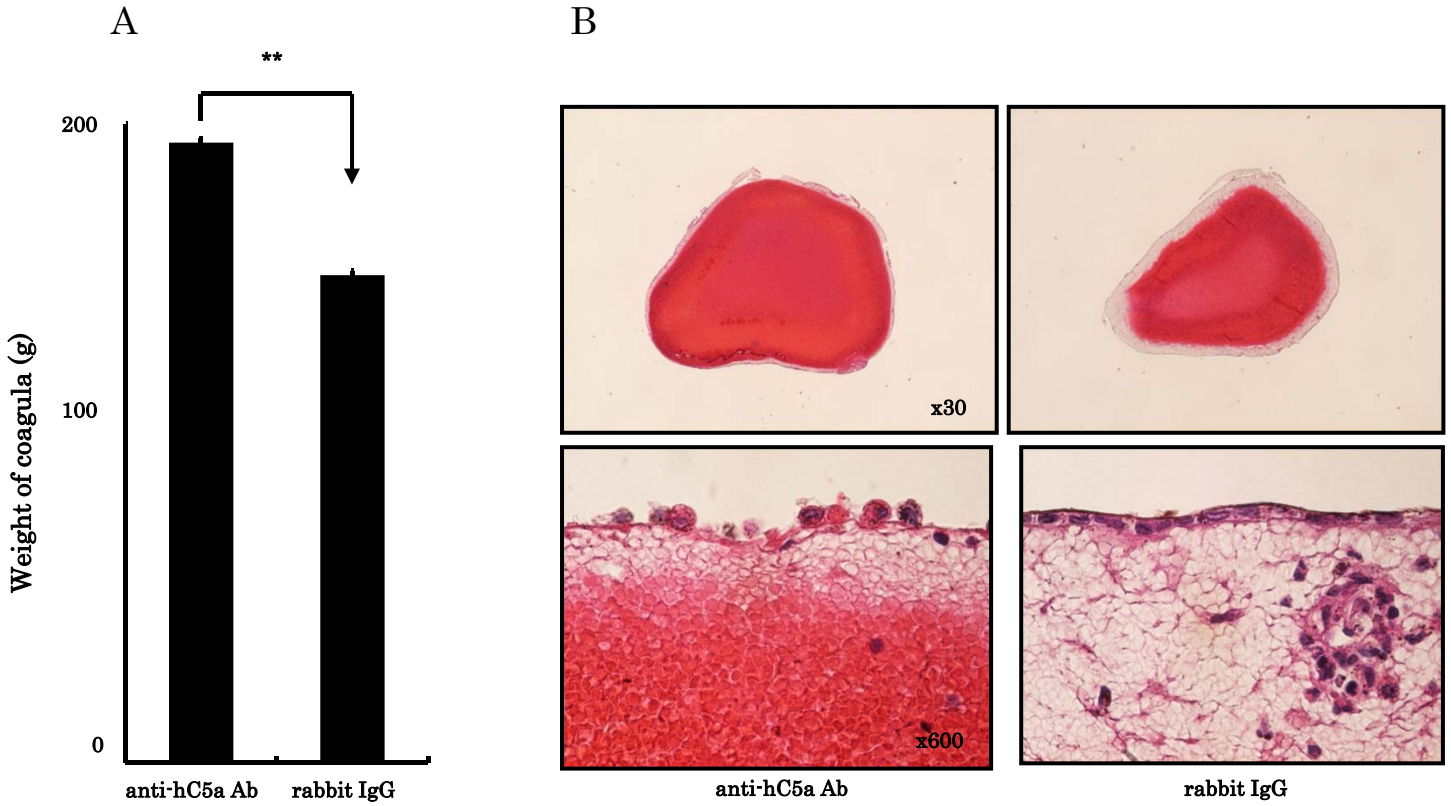

**
150
100
50
0
N.D.
Number of migrated human monocytes
rabbit IgG
anti-hRP S19 Ab
anti-hC5a Ab
PBS
Human serum
**
200
100
0
**
Number of migrated Guinea pig monocytes
rabbit IgG
anti-hRP S19 Ab
anti-hC5a Ab
PBS
Guinea pig serum

Figure 6.


A
B
**
200
100
0
Weight of coagula (g)
anti-hC5a Ab
rabbit IgG
x30
x600
anti-hC5a Ab
rabbit IgG