Fig. 1

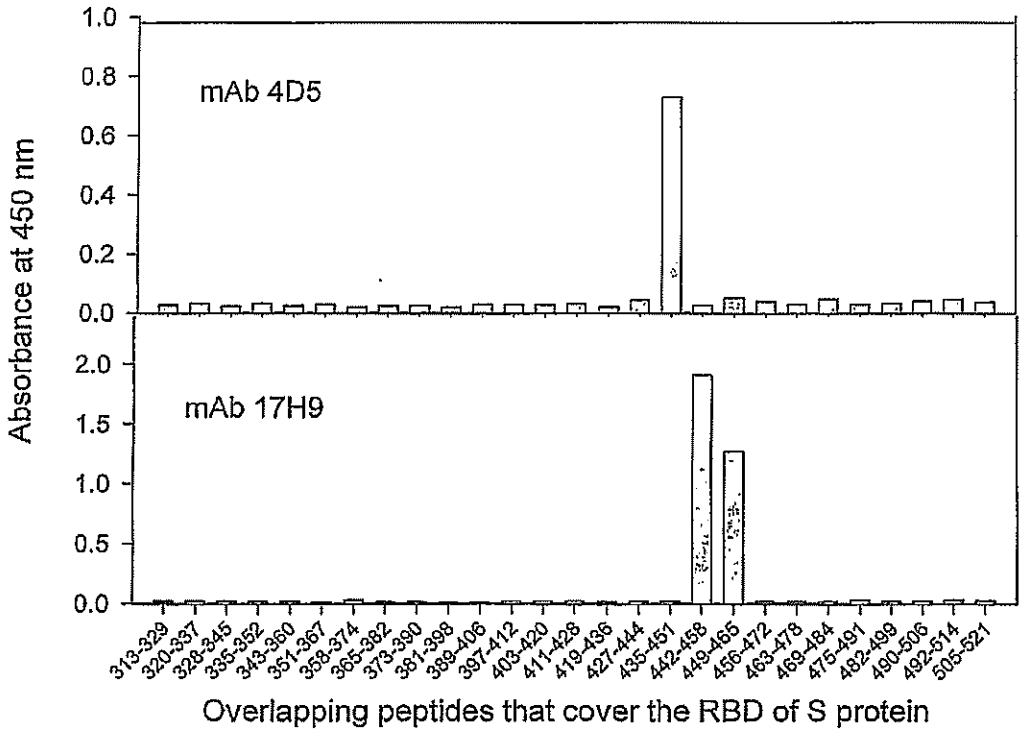

mAb 4D5
mAb 17H9
Absorbance at 450 nm
1.0
0.8
0.6
0.4
0.2
0.0
2.0
1.5
1.0
0.5
0.0
313-329
320-337
328-345
335-352
343-360
351-367
358-374
365-382
373-390
381-398
389-406
397-412
403-420
411-428
419-436
427-444
435-451
442-458
449-465
456-472
463-478
469-484
475-491
482-499
490-506
492-514
505-521
Overlapping peptides that cover the RBD of S protein

Fig. 2

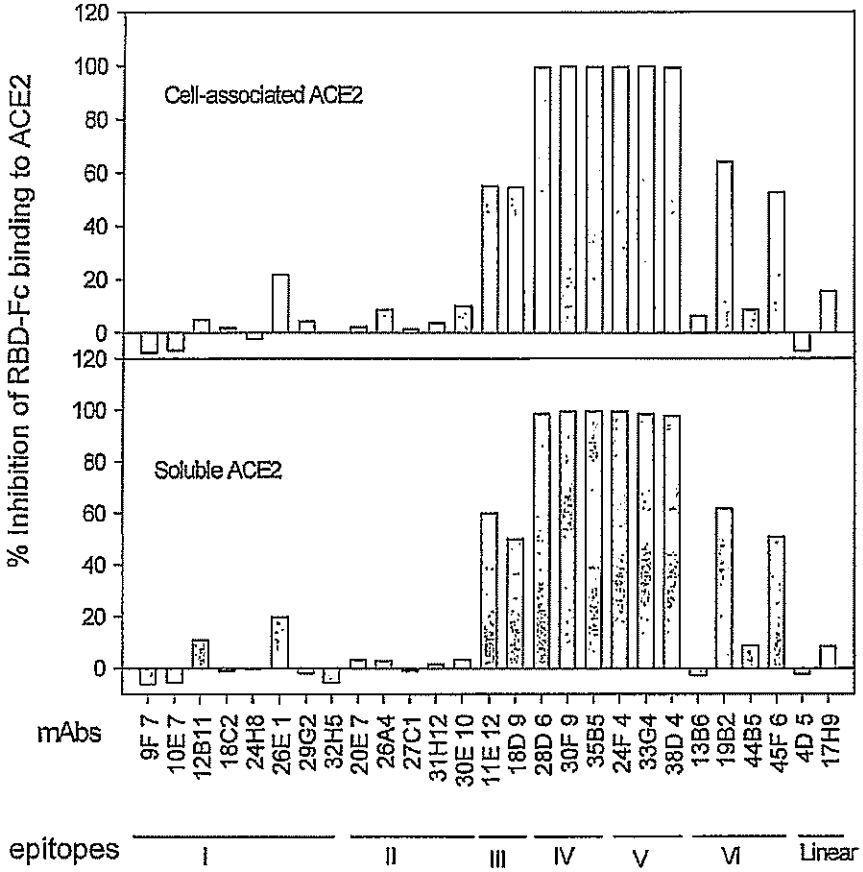
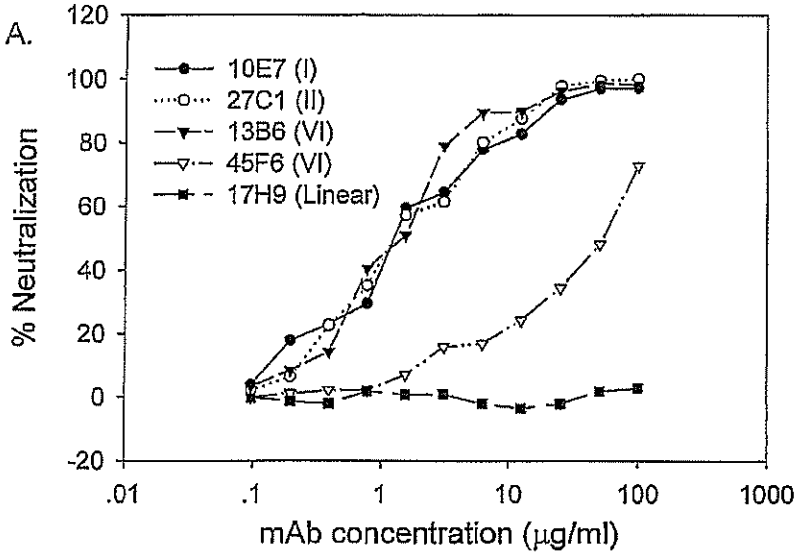
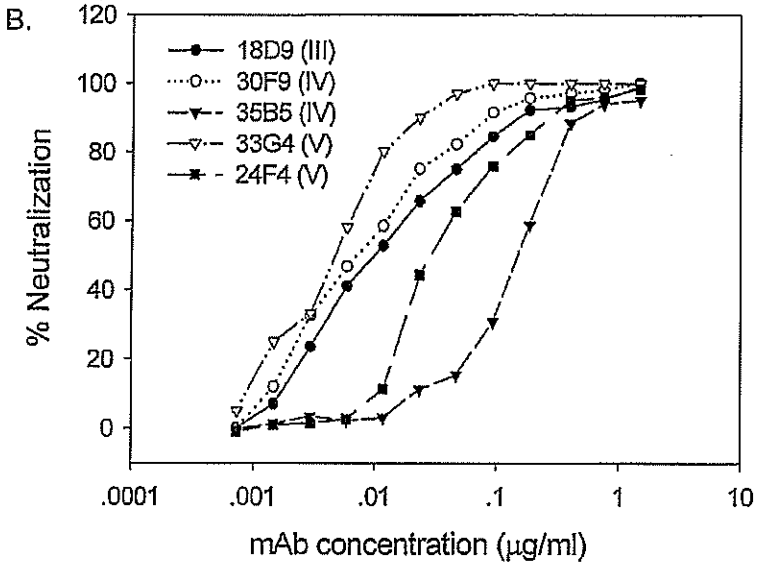

% Inhibition of RBD-Fc binding to ACE2
Cell-associated ACE2
Soluble ACE2
120
100
80
60
40
20
0
mAbs
9F 7
10E 7
12B11
18C2
24H8
26E 1
29G2
32H5
20E 7
26A4
27C1
31H12
30E 10
11E 12
18D 9
28D 6
30F 9
35B5
24F 4
33G4
38D 4
13B6
19B2
44B5
45F 6
4D 5
17H9
epitopes
I
II
III
IV
V
VI
Linear

Fig. 3


A.
% Neutralization
120
100
80
60
40
20
0
-20
.01
.1
1
10
100
1000
mAb concentration (µg/ml)
10E7 (I)
27C1 (II)
13B6 (VI)
45F6 (VI)
17H9 (Linear)


B.
% Neutralization
120
100
80
60
40
20
0
.0001
.001
.01
.1
1
10
mAb concentration (µg/ml)
18D9 (III)
30F9 (IV)
35B5 (IV)
33G4 (V)
24F4 (V)