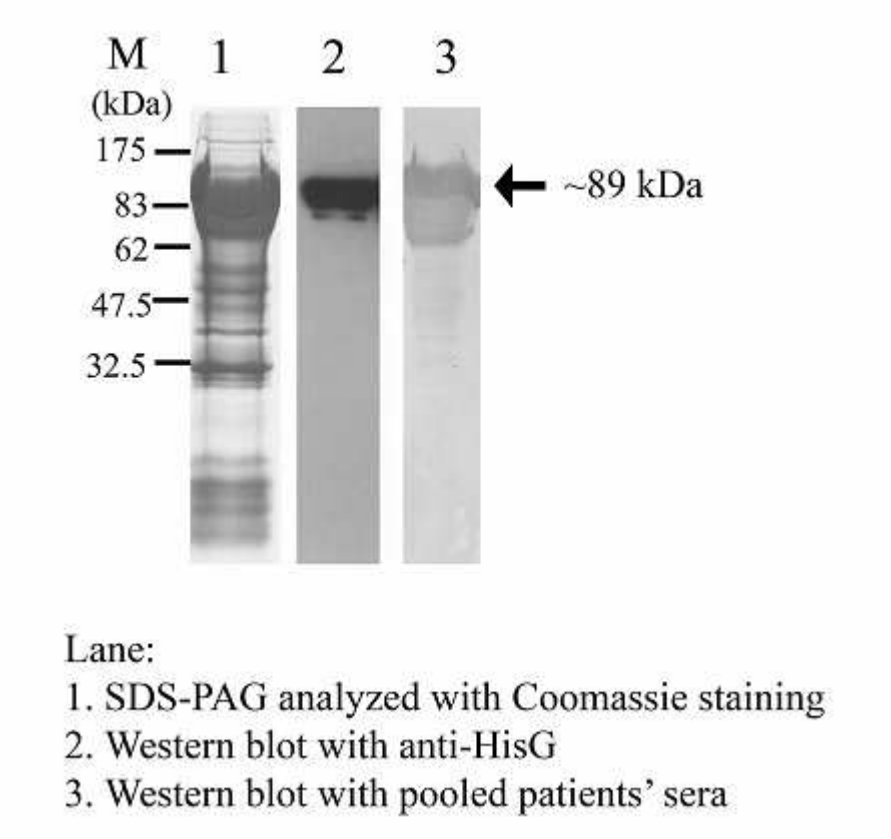
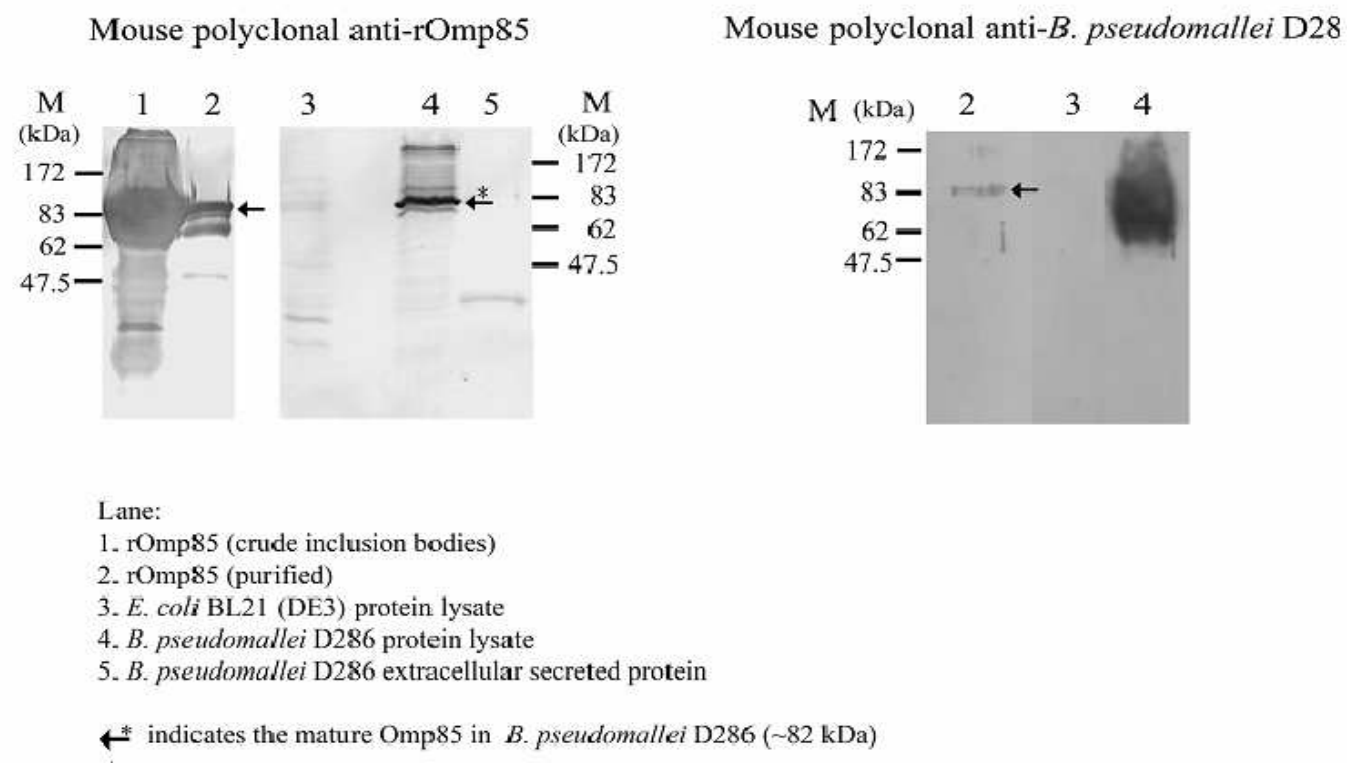

M
1
2
3
(kDa)
175
83
62
47.5
32.5
~89 kDa
Lane:
1. SDS-PAG analyzed with Coomassie staining
2. Western blot with anti-HisG
3. Western blot with pooled patients' sera

Figure 1



Lane:
1. rOmp85 (crude inclusion bodies)
2. rOmp85 (purified)
3. *E. coli* BL21 (DE3) protein lysate
4. *B. pseudomallei* D286 protein lysate
5. *B. pseudomallei* D286 extracellular secreted protein

←* indicates the mature Omp85 in *B. pseudomallei* D286 (~82 kDa)

Figure 2

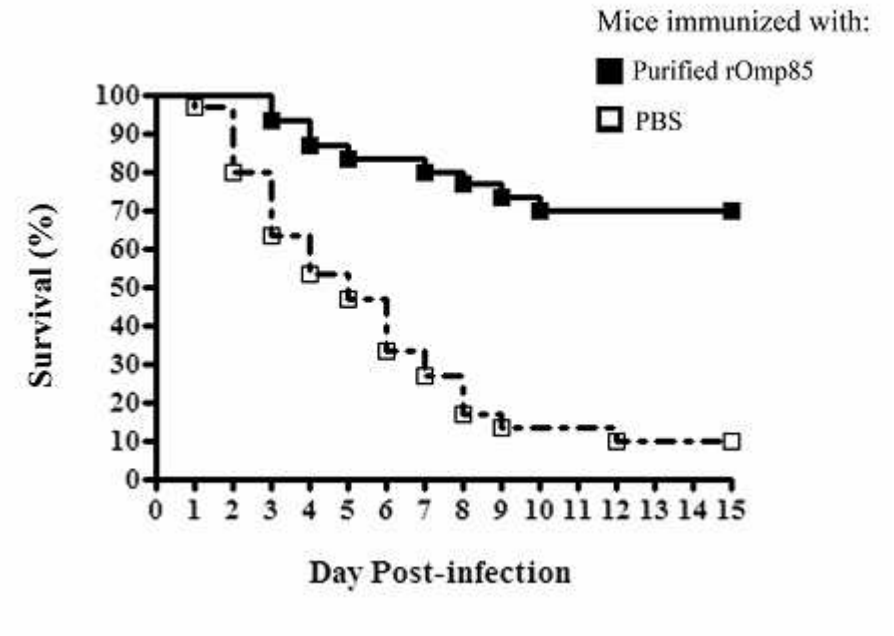

Mice immunized with:
Purified rOmp85
PBS
Survival (%)
100
90
80
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Day Post-infection

Figure 3

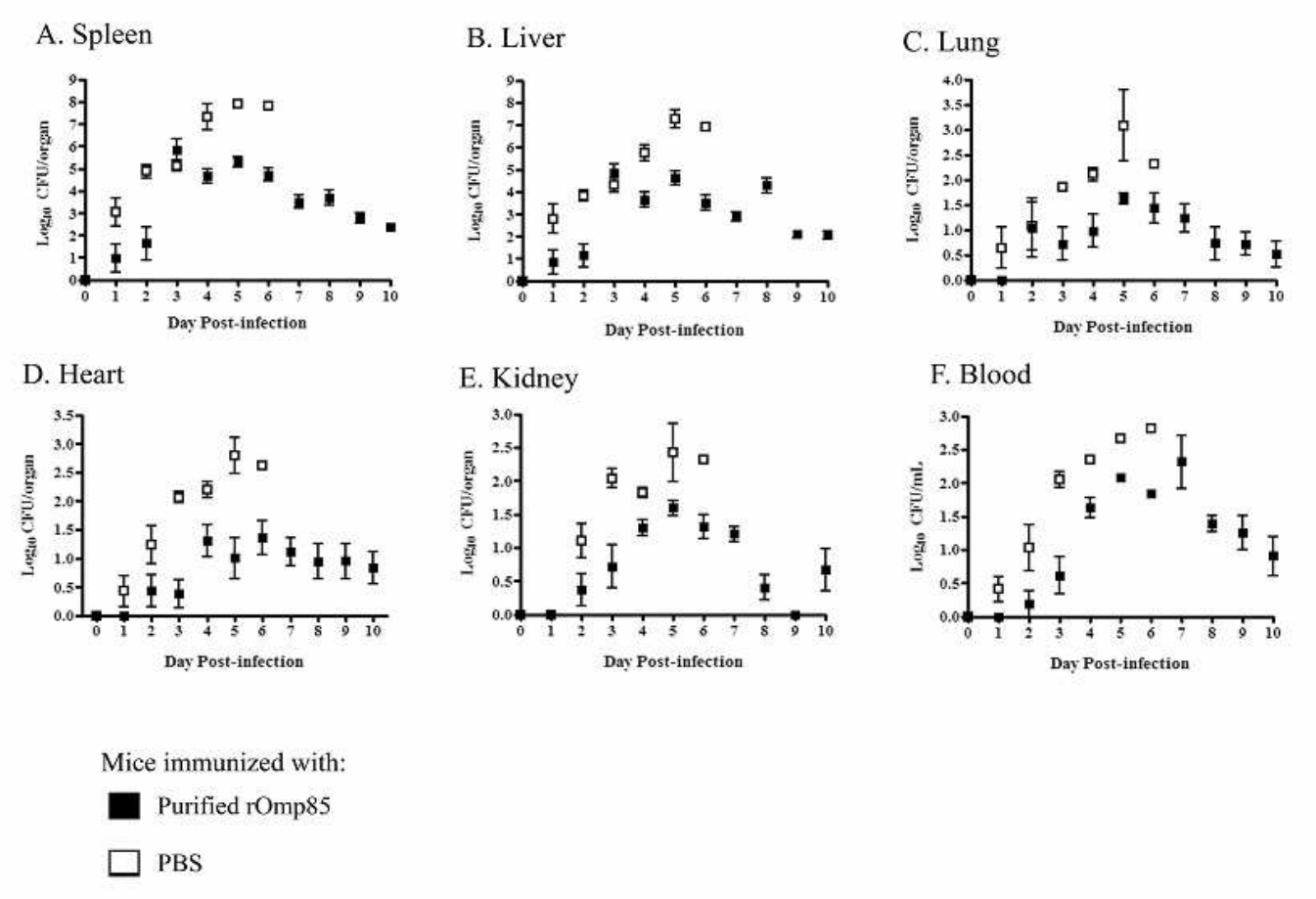
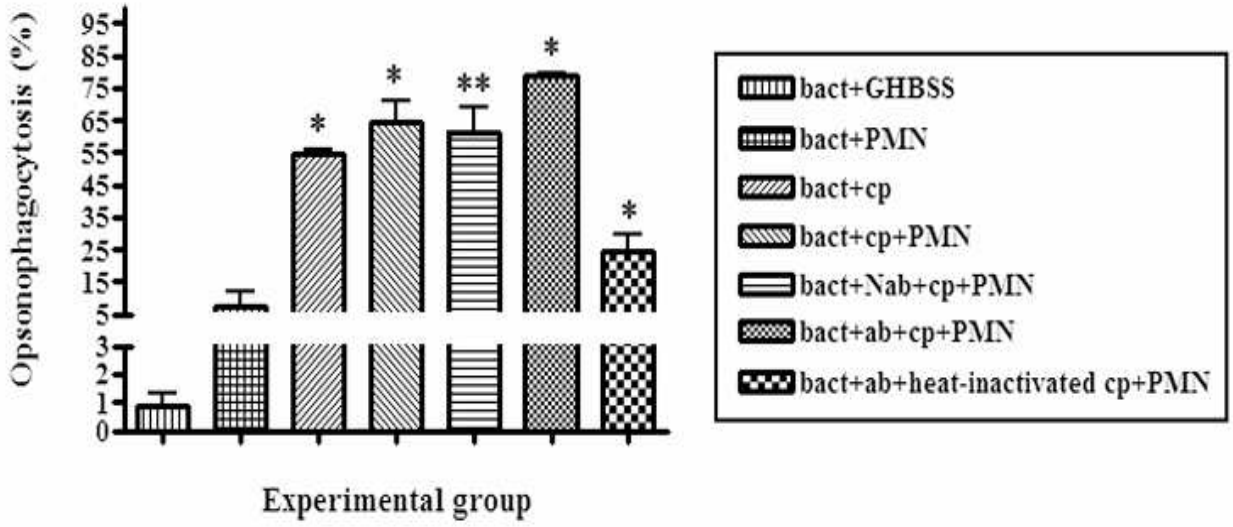

A. Spleen
B. Liver
C. Lung
D. Heart
E. Kidney
F. Blood
Log10 CFU/organ
Log10 CFU/mL
Day Post-infection
Mice immunized with:
Purified rOmp85
PBS

Figure 4



Abbreviation: bact: bacteria; cp: complement; ab: mouse anti-rOmp85; Nab: mouse normal serum; PMN: polymorphonuclear; GHBSS: gelatin-Hank's balance salt

Figure 5

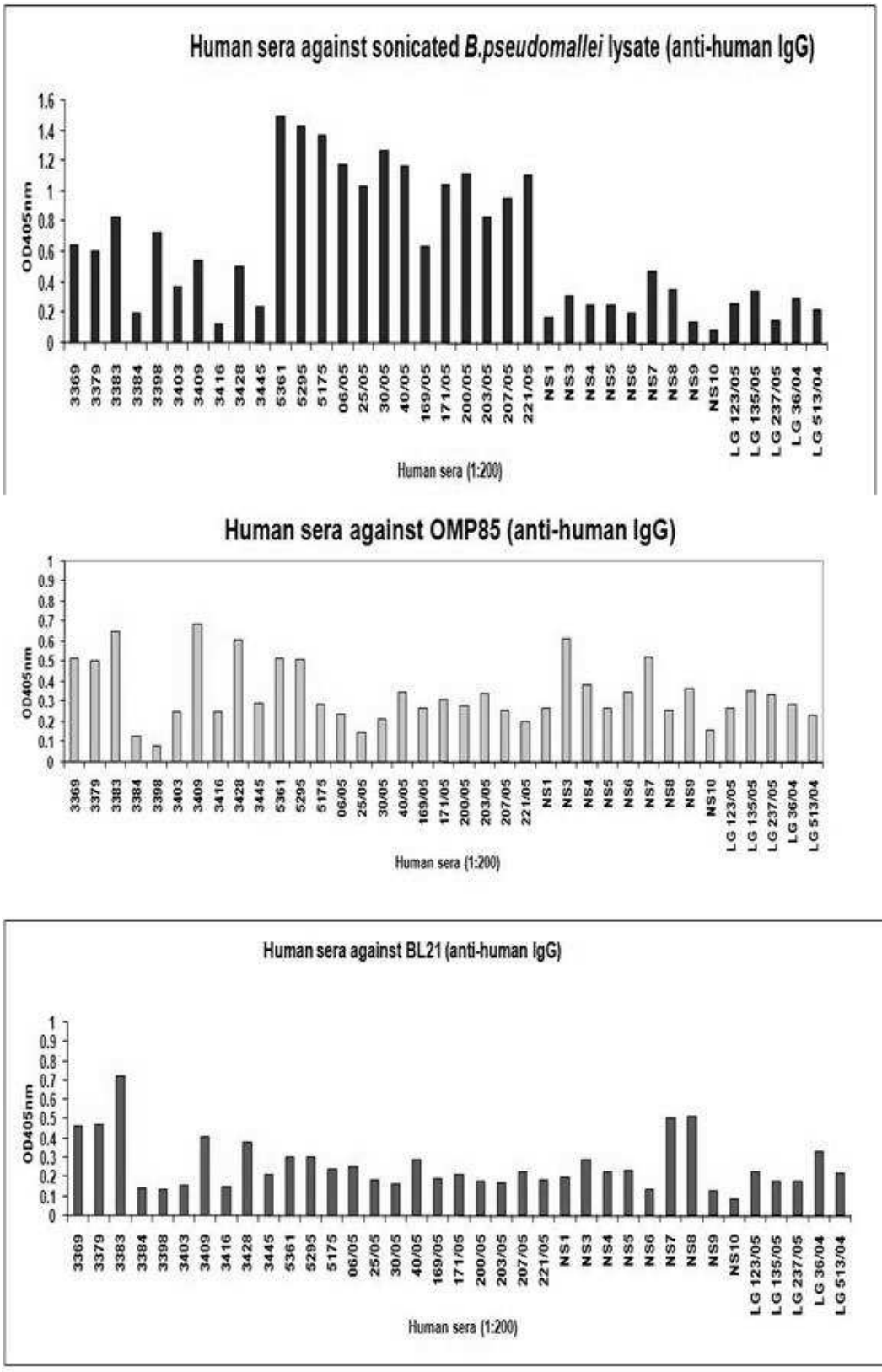

Human sera against sonicated B.pseudomallei lysate (anti-human IgG)
OD405nm
Human sera (1:200)
Human sera against OMP85 (anti-human IgG)
OD405nm
Human sera (1:200)
Human sera against BL21 (anti-human IgG)
OD405nm
Human sera (1:200)
3369
3379
3383
3384
3398
3403
3409
3416
3428
3445
5361
5295
5175
06/05
25/05
30/05
40/05
169/05
171/05
200/05
203/05
207/05
221/05
NS1
NS3
NS4
NS5
NS6
NS7
NS8
NS9
NS10
LG 123/05
LG 135/05
LG 237/05
LG 36/04
LG 513/04

Figure 6

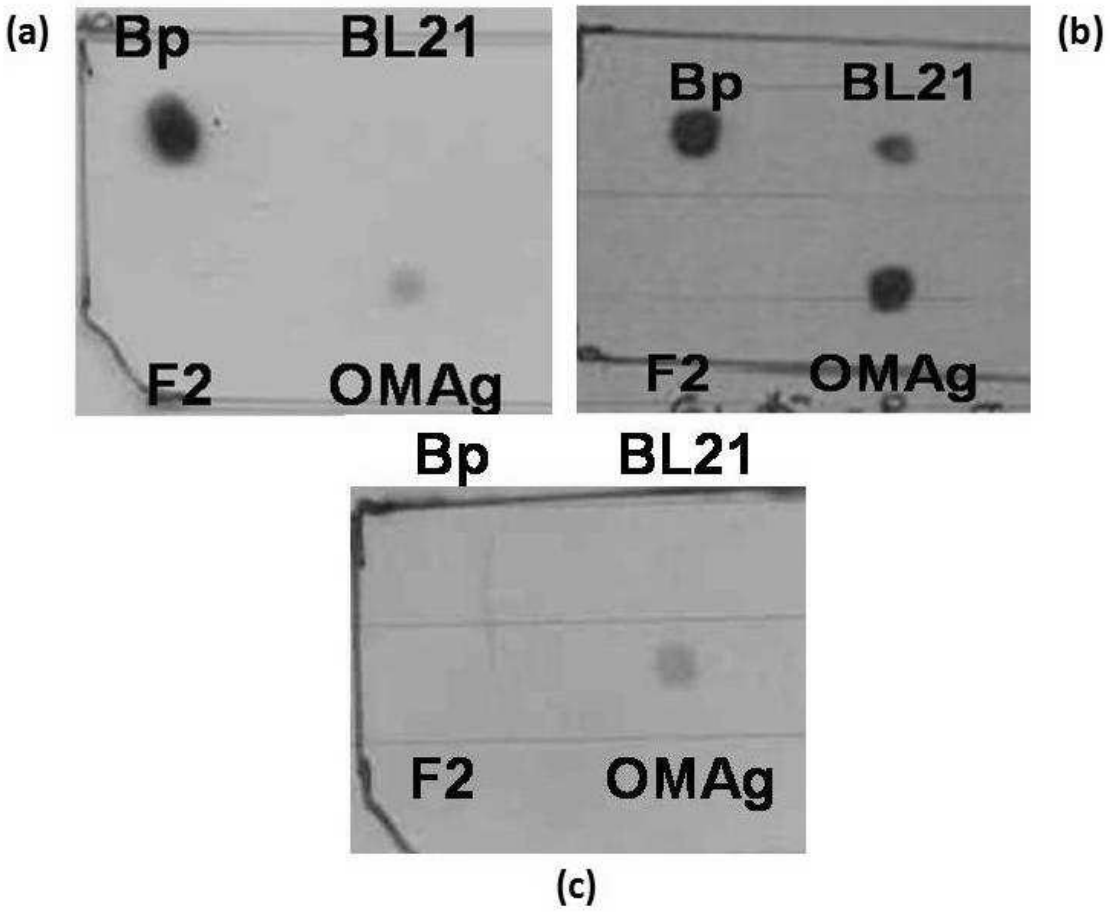


Figure 7