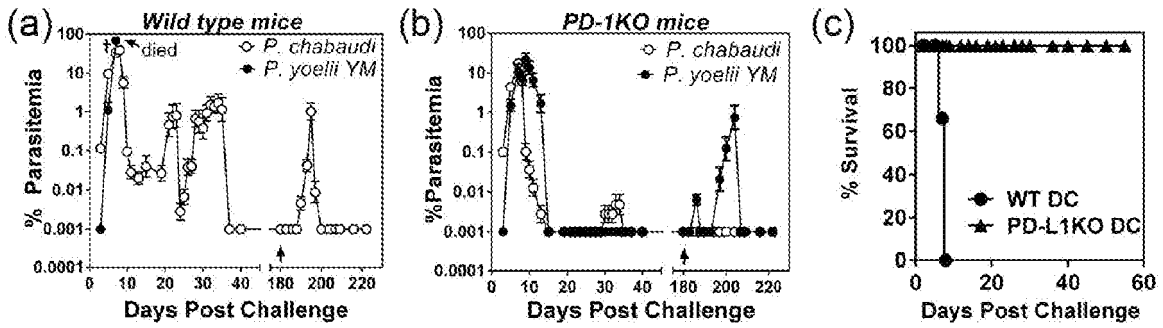


Figure 1

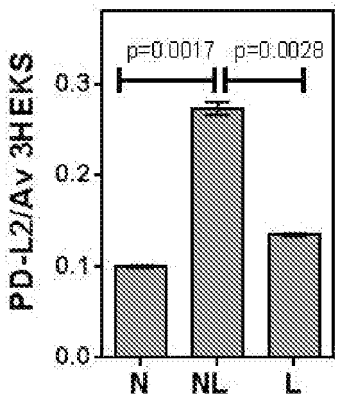


Figure 2

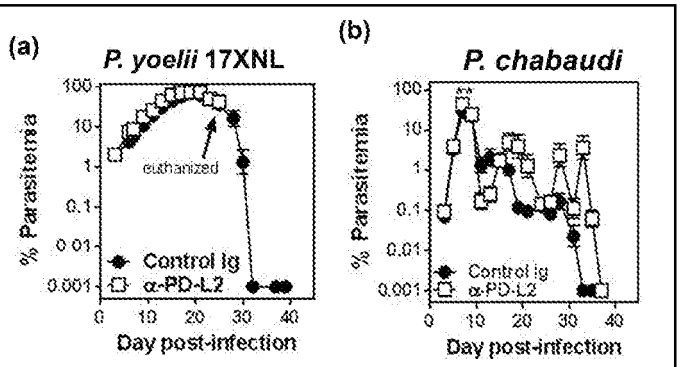

(a)
P. yoelii 17XNL
% Parasitemia
euthanized
Control Ig
α-PD-L2
Day post-infection
(b)
P. chabaudi
% Parasitemia
Control Ig
α-PD-L2
Day post-infection

Figure 3

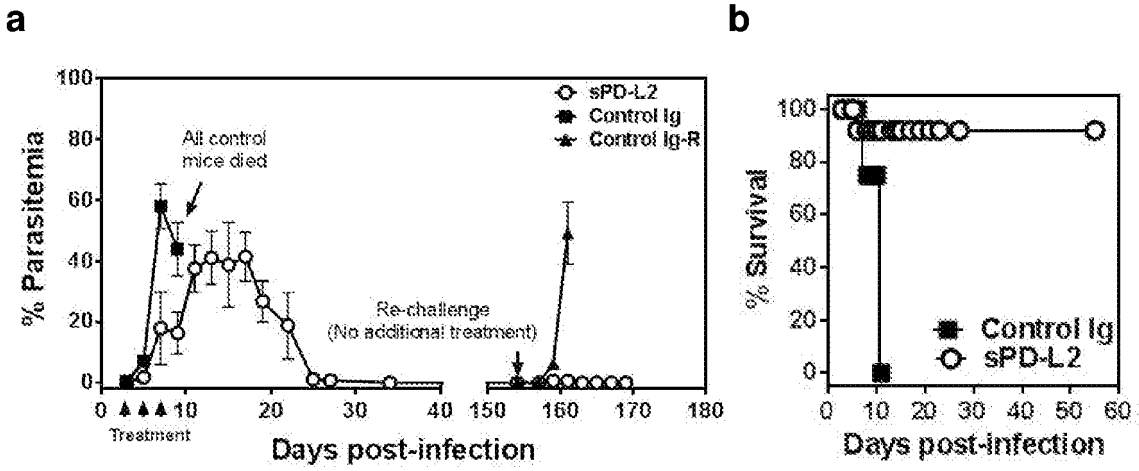


Figure 4

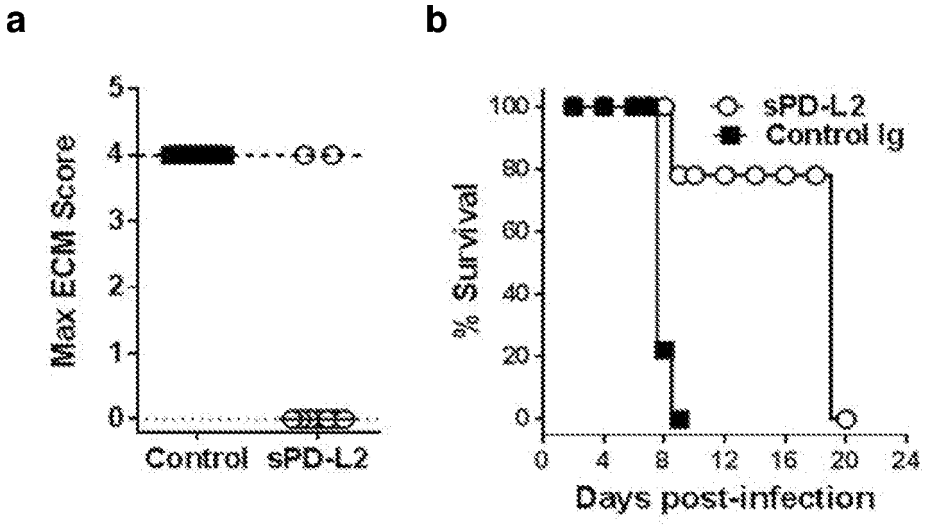


Figure 5

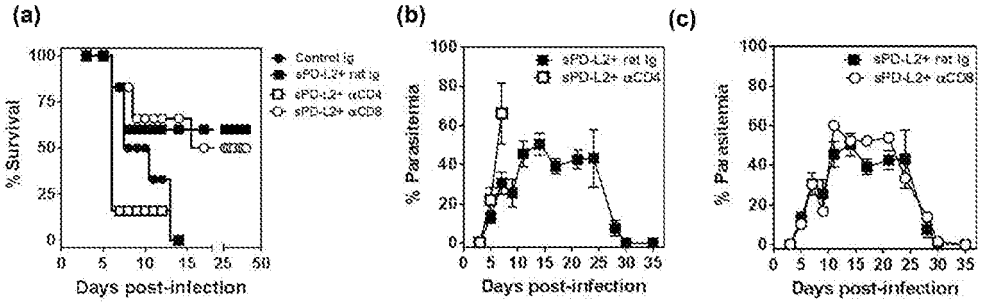


Figure 6

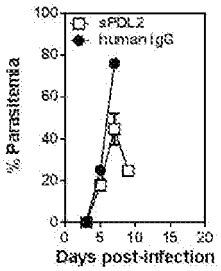


Figure 7

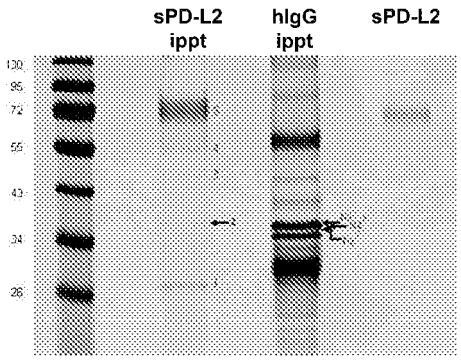


Figure 8

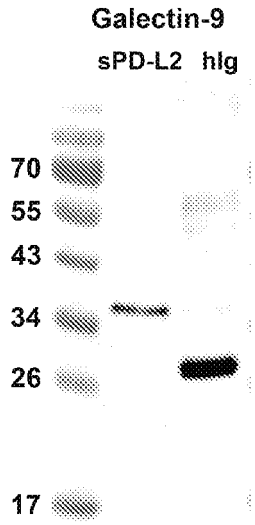


Figure 9

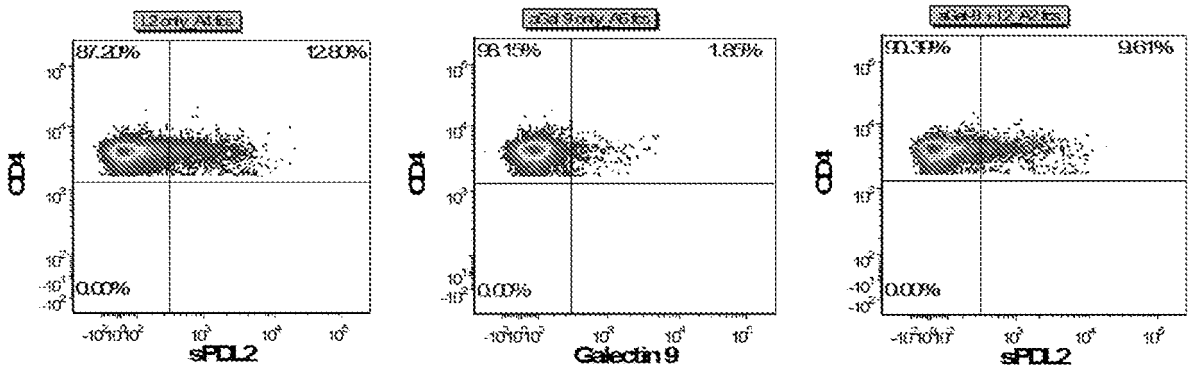


Figure 10

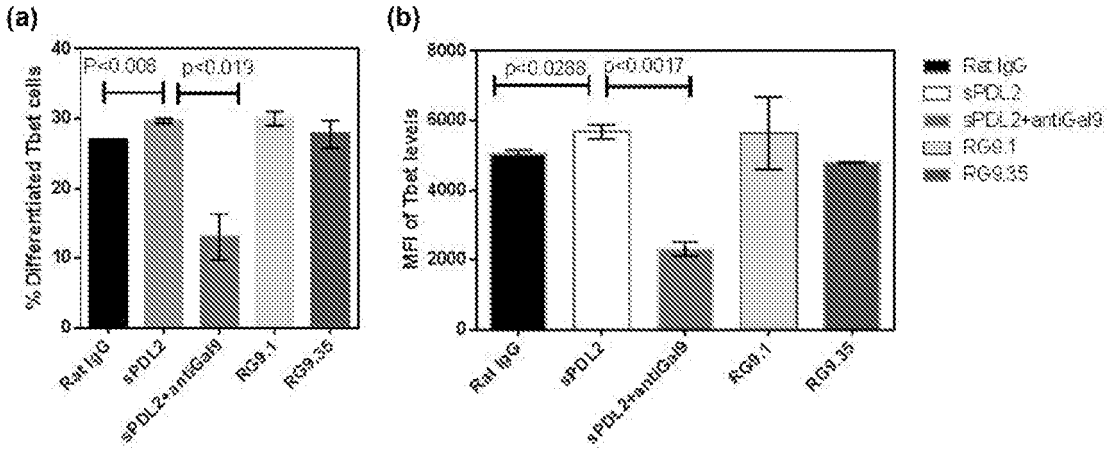


Figure 11

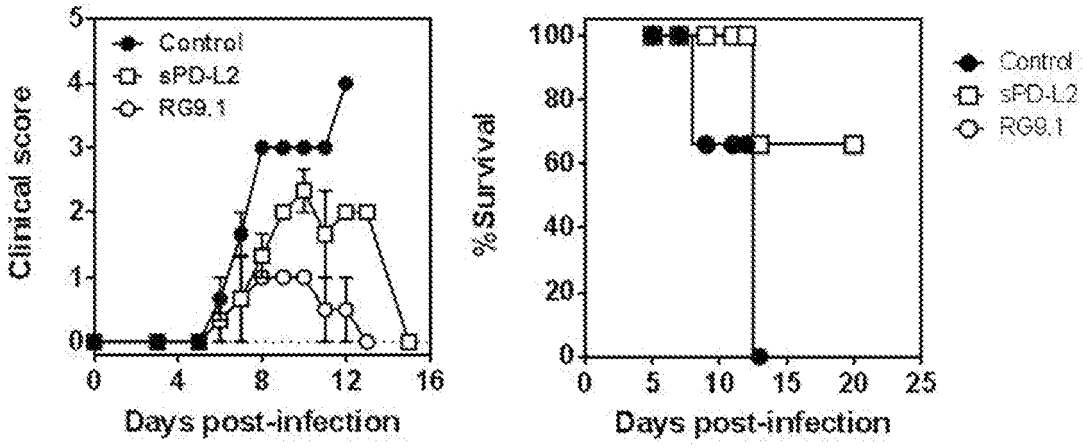

Clinical score
Control
sPD-L2
RG9.1
Days post-infection
%Survival
Control
sPD-L2
RG9.1
Days post-infection

Figure 12

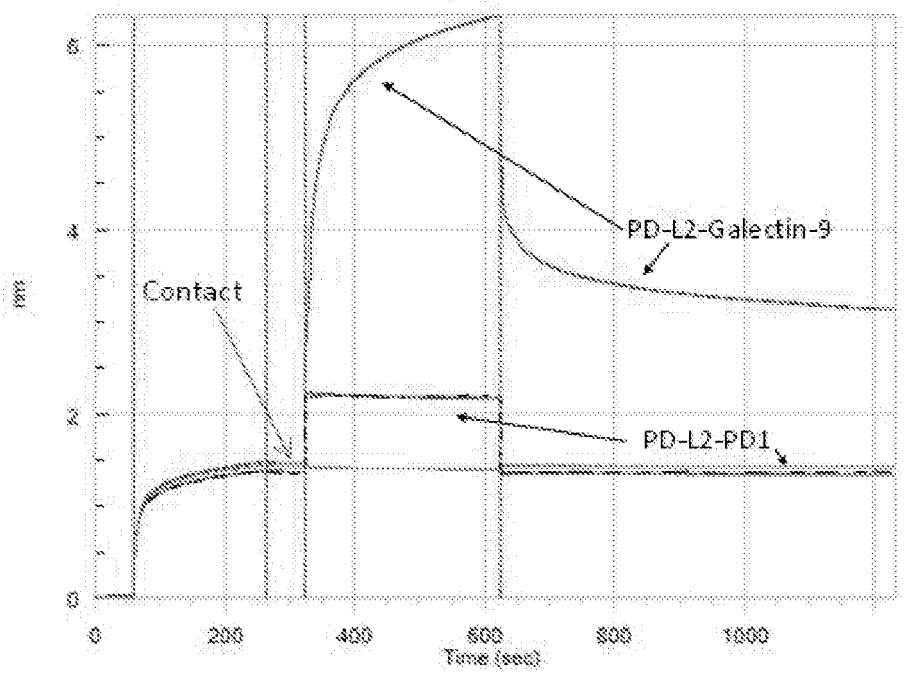

6
4
2
0
nm
Contact
PD-L2-Galectin-9
PD-L2-PD1
0
200
400
600
800
1000
Time (sec)

Figure 13

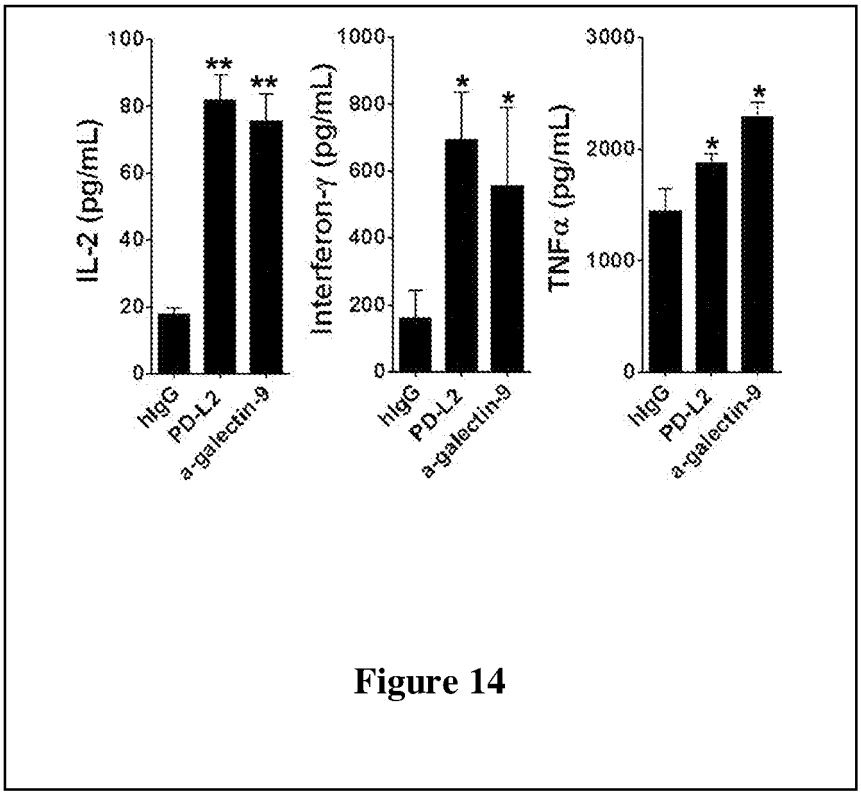

IL-2 (pg/mL)
100
80
60
40
20
0
**
**
hIgG
PD-L2
a-galectin-9
Interferon-γ (pg/mL)
1000
800
600
400
200
0
*
*
hIgG
PD-L2
a-galectin-9
TNFα (pg/mL)
3000
2000
1000
0
*
*
hIgG
PD-L2
a-galectin-9

Figure 14

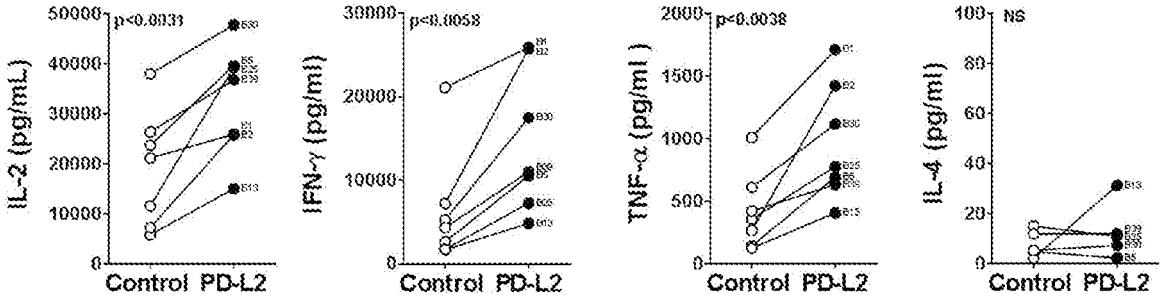


Figure 15A

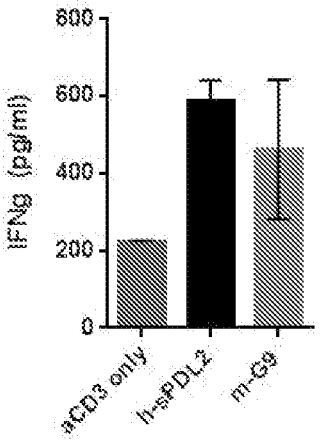


Figure 15B

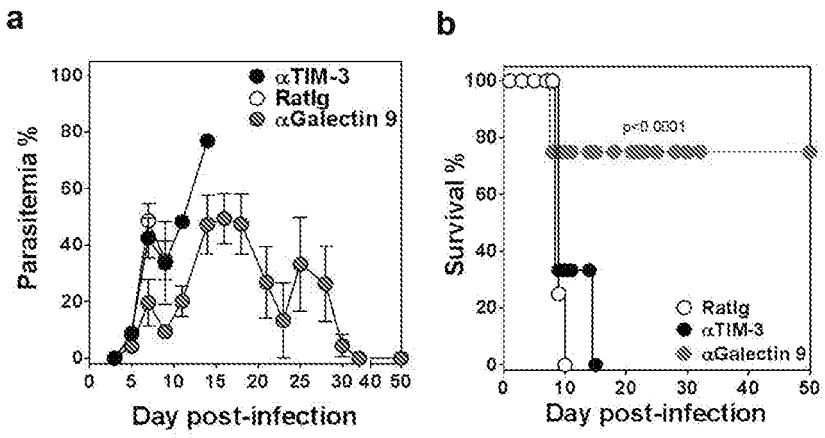


Figure 16

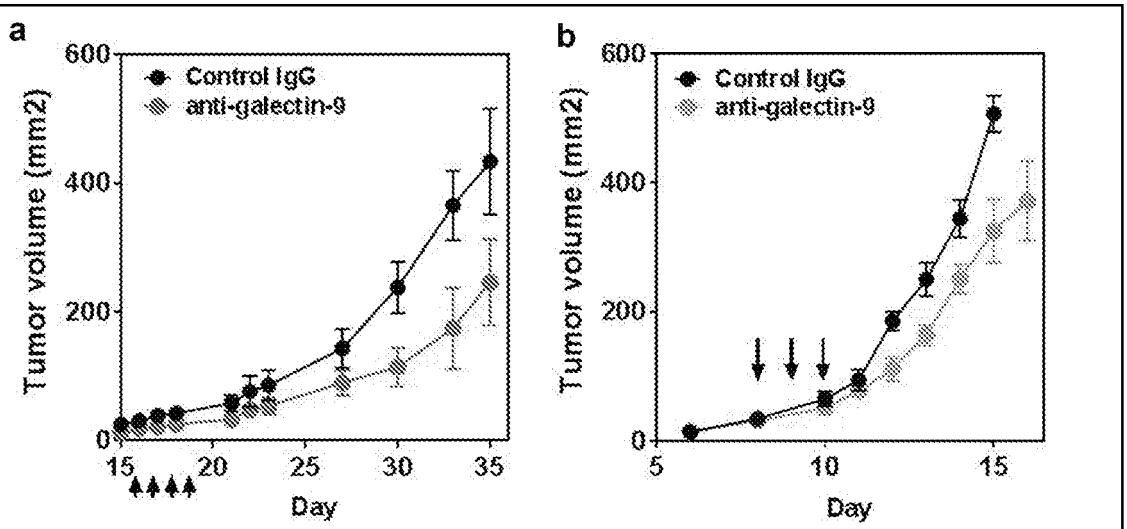


Figure 17

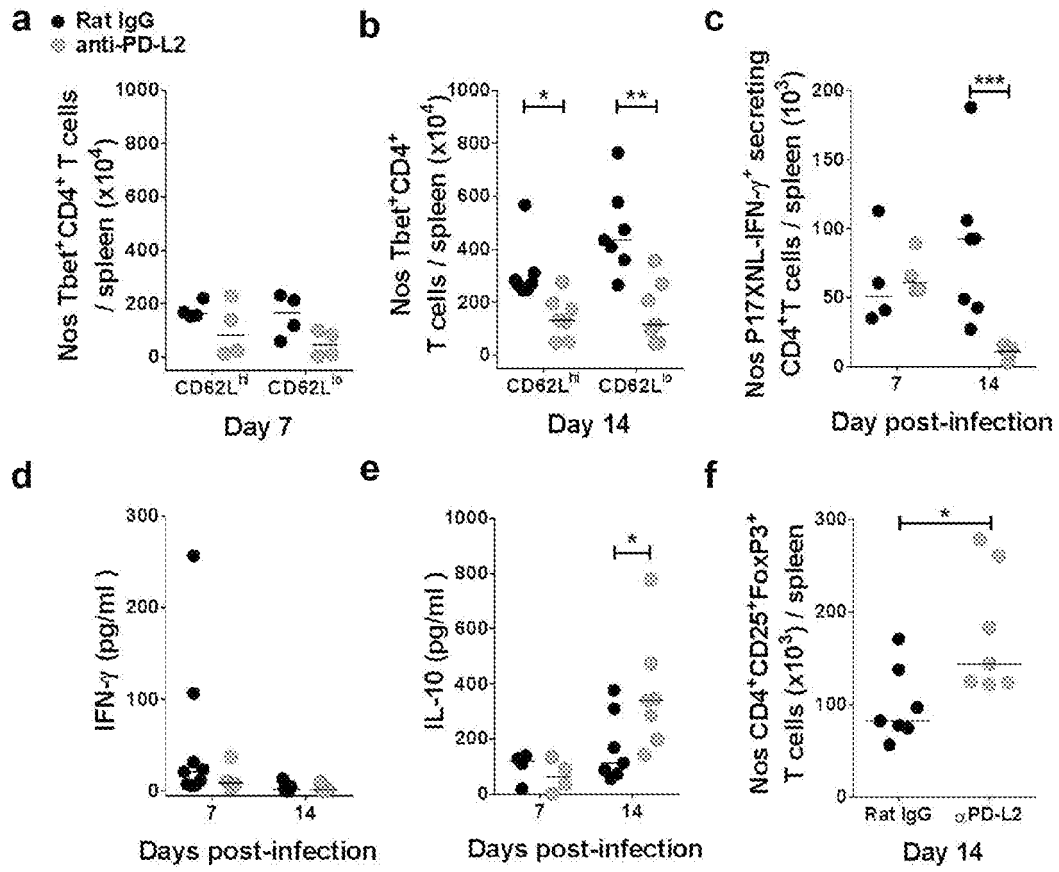

a
Rat IgG
anti-PD-L2
Nos Tbet+CD4+ T cells / spleen (x10^4)
CD62L^hi
CD62L^lo
Day 7
b
Nos Tbet+CD4+ T cells / spleen (x10^4)
Day 14
c
Nos P17XNL-IFN-γ+ secreting CD4+T cells / spleen (10^3)
Day post-infection
d
IFN-γ (pg/ml)
Days post-infection
e
IL-10 (pg/ml)
Days post-infection
f
Nos CD4+CD25+FoxP3+ T cells (x10^3) / spleen
Rat IgG
αPD-L2
Day 14

Figure 18

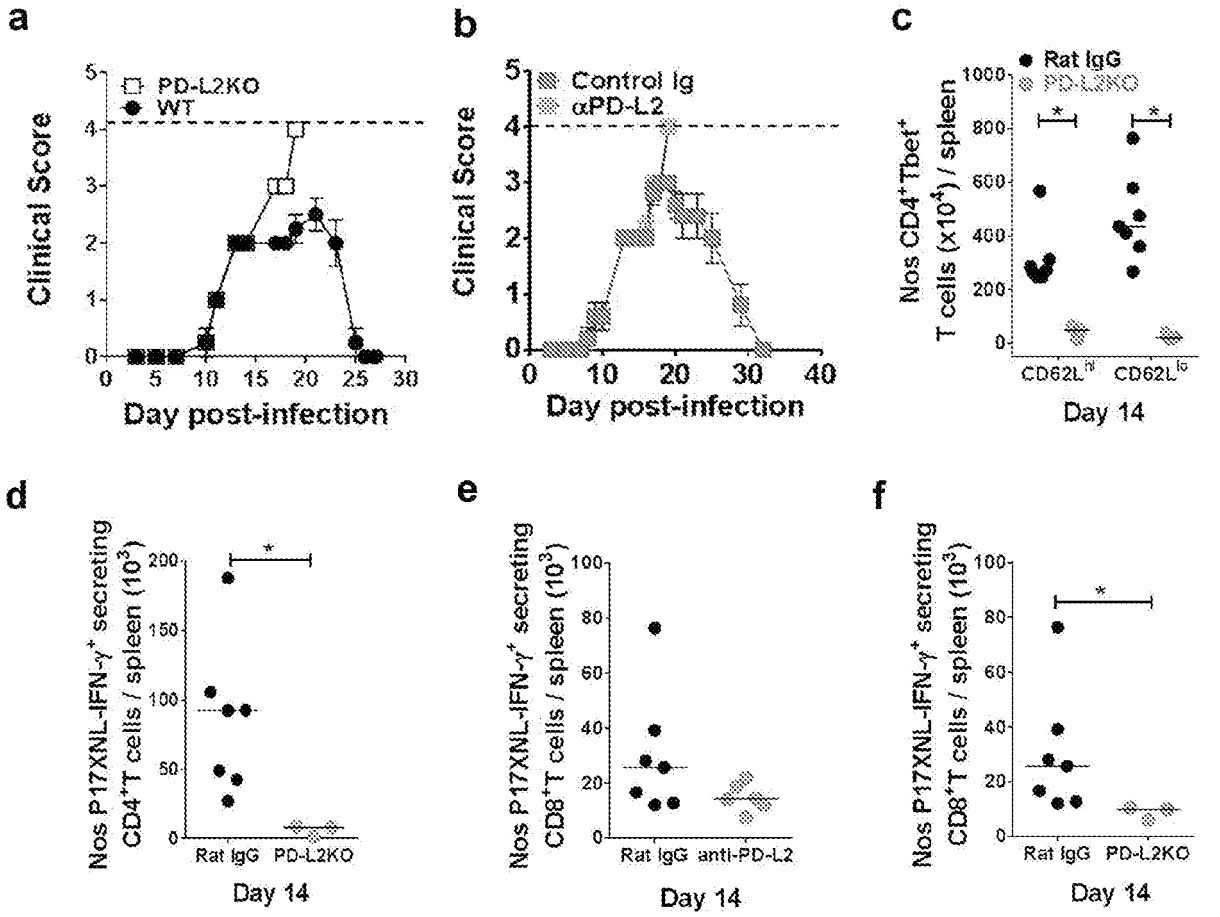

a
PD-L2KO
WT
Clinical Score
Day post-infection
b
Control Ig
αPD-L2
Clinical Score
Day post-infection
c
Rat IgG
PD-L2KO
Nos CD4+Tbet+ T cells (x10^4) / spleen
CD62L hi
CD62L lo
Day 14
d
Nos P17XNL-IFN-γ+ secreting CD4+T cells / spleen (10^3)
Rat IgG
PD-L2KO
Day 14
e
Nos P17XNL-IFN-γ+ secreting CD8+T cells / spleen (10^3)
Rat IgG
anti-PD-L2
Day 14
f
Nos P17XNL-IFN-γ+ secreting CD8+T cells / spleen (10^3)
Rat IgG
PD-L2KO
Day 14

Figure 19

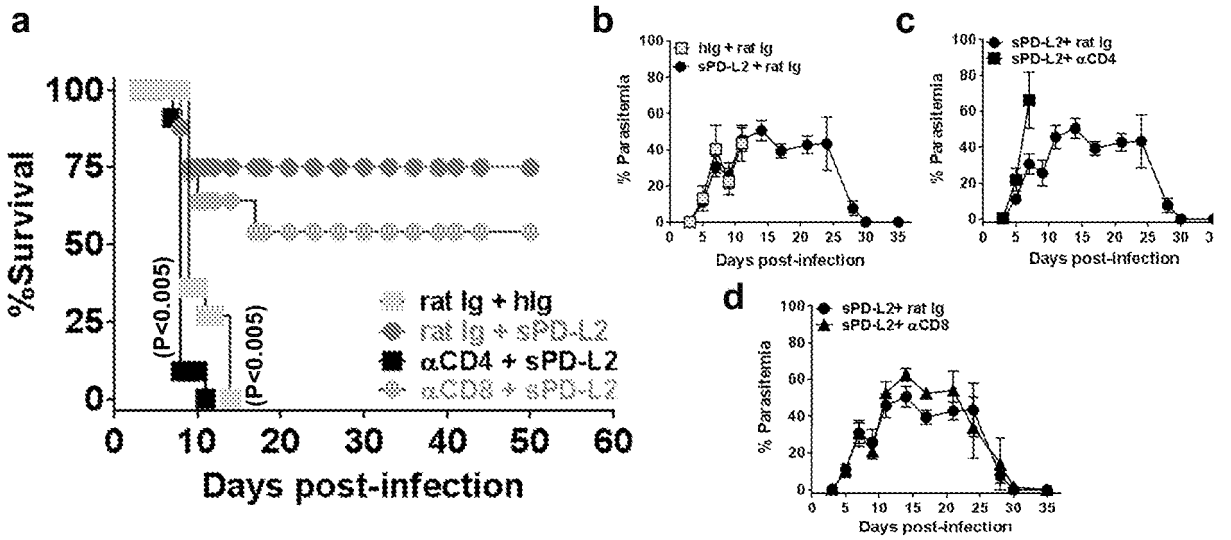


Figure 20

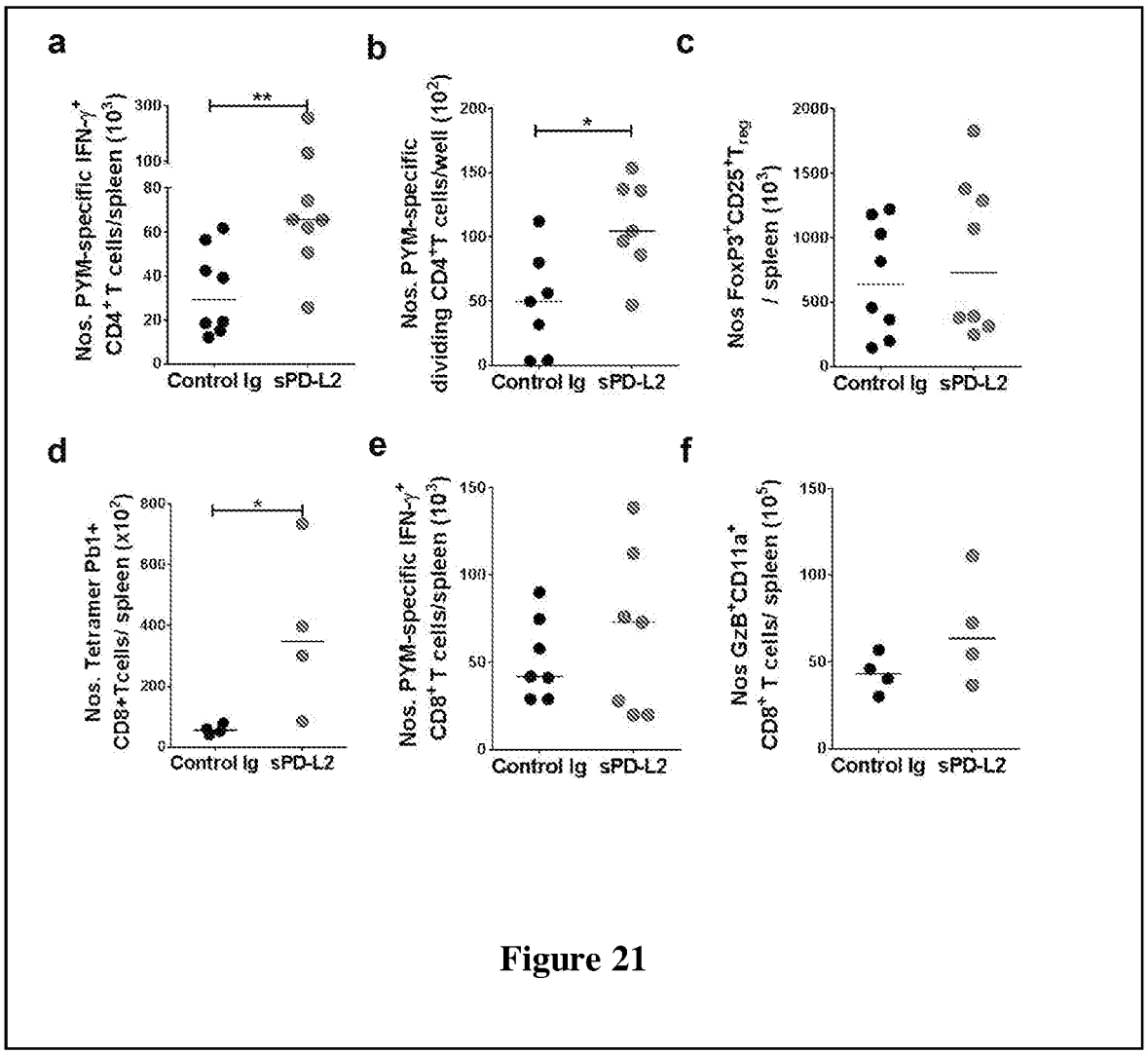


Figure 21