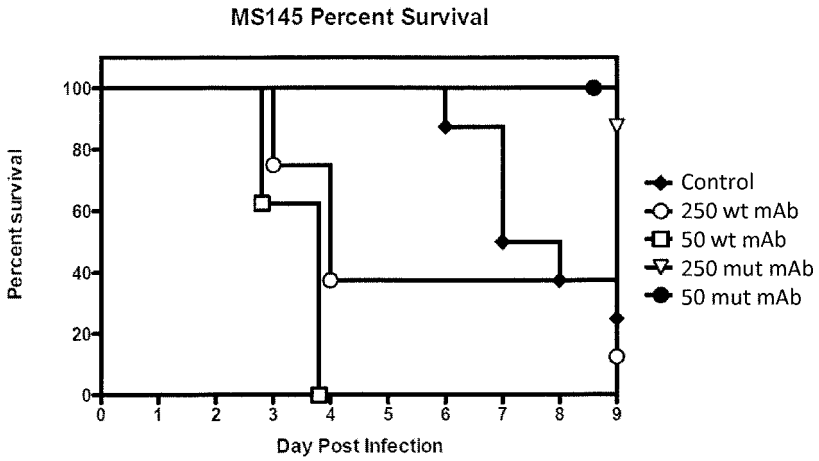

BGH poly A region
1,500
2,500
VL forward primer binding site
1,000
CL "CL region
Mab11-VL
CMV promoter Enhancer
VH "VH Leader
Mab11-VH
VL Lambda Leader
500
2,000
CMV promoter Enhancer
CH1
3,000
SV40 "SV40 OriC
hinge
CH2
3,500
CH3
Beta "Beta Lactamase
TCAE6-LL2 Mab11-AT
9,200 bp
4,000
BGH PolyA site
Mouse beta globin Major promoter
DHFR
BGH PolyA site
Mouse beta globin major promoter
Neomycin resistance gene
SV40 early polyadenylation region

FIG. 1

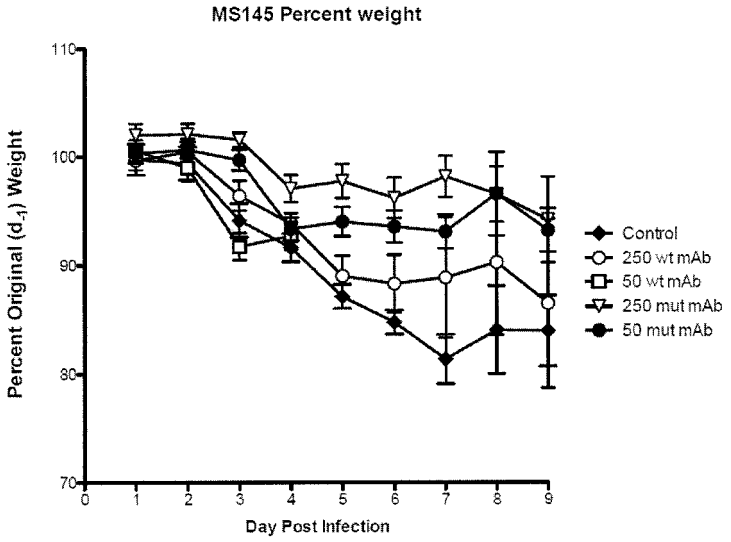

SV40 OriC
VL forward primer binding site
Beta Lactamase
CMV promoter Enhancer
VL Lambda Leader
Mab11-VL
CL "CL region
BGH poly A region
CMV promoter Enhancer
VH "VH Leader
Mab11-VH
CH1
hinge
CH2
CH3
BGH PolyA site
Mouse beta globin Major promoter
DHFR
BGH PolyA site
Mouse beta globin major promoter
Neomycin resistance gene
SV40 early polyadenylation region
TCAE6-LL2 Mab11-FcLaLa-AT
9,200 bp

FIG. 2

A


MS145 Percent Survival
Percent survival
Day Post Infection
Control
250 wt mAb
50 wt mAb
250 mut mAb
50 mut mAb

B


MS145 Percent weight
Percent Original (d-1) Weight
Day Post Infection
Control
250 wt mAb
50 wt mAb
250 mut mAb
50 mut mAb

C

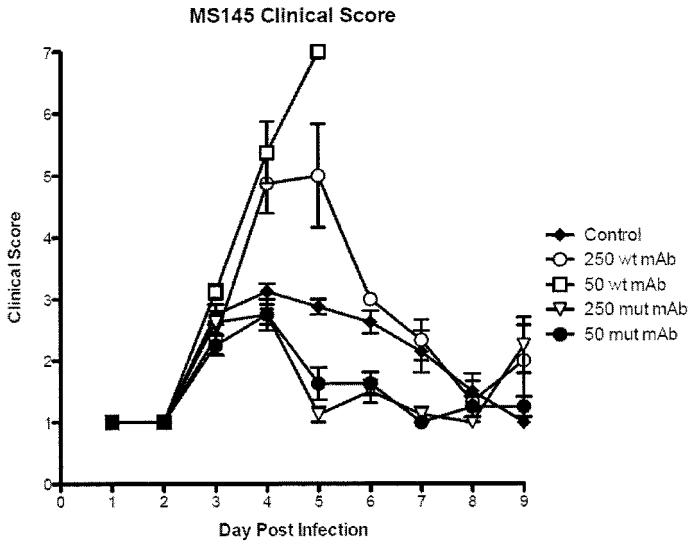
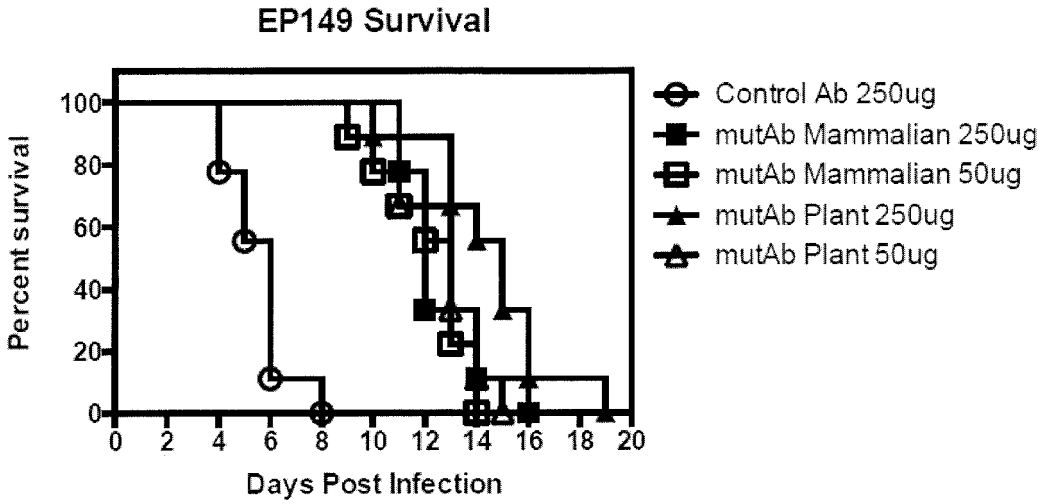
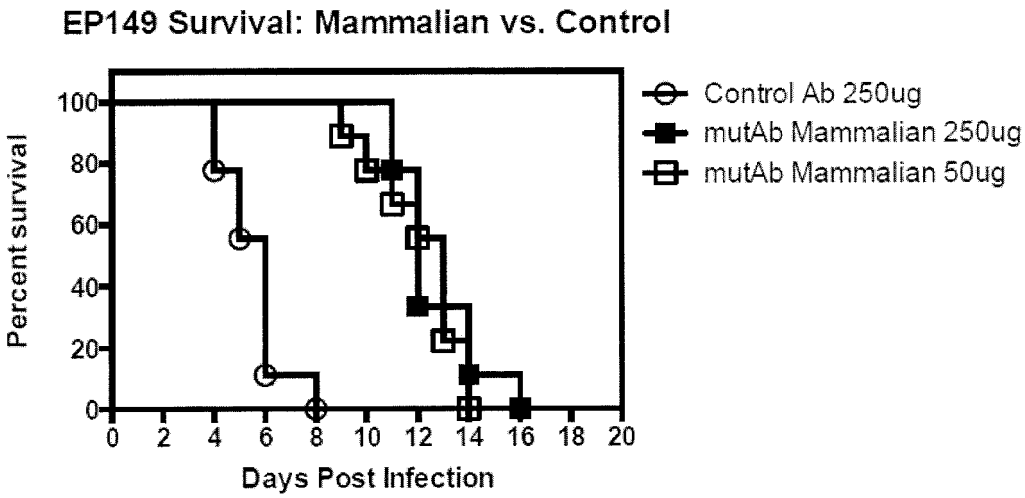

MS145 Clinical Score
Clinical Score
Day Post Infection
Control
250 wt mAb
50 wt mAb
250 mut mAb
50 mut mAb

FIG. 3

A


EP149 Survival
Percent survival
Days Post Infection
Control Ab 250ug
mutAb Mammalian 250ug
mutAb Mammalian 50ug
mutAb Plant 250ug
mutAb Plant 50ug

B


EP149 Survival: Mammalian vs. Control
Percent survival
Days Post Infection
Control Ab 250ug
mutAb Mammalian 250ug
mutAb Mammalian 50ug

C

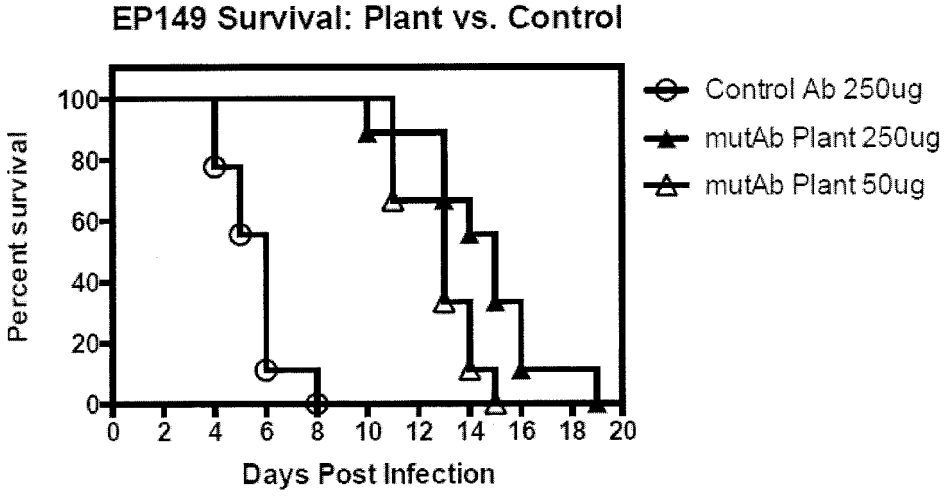
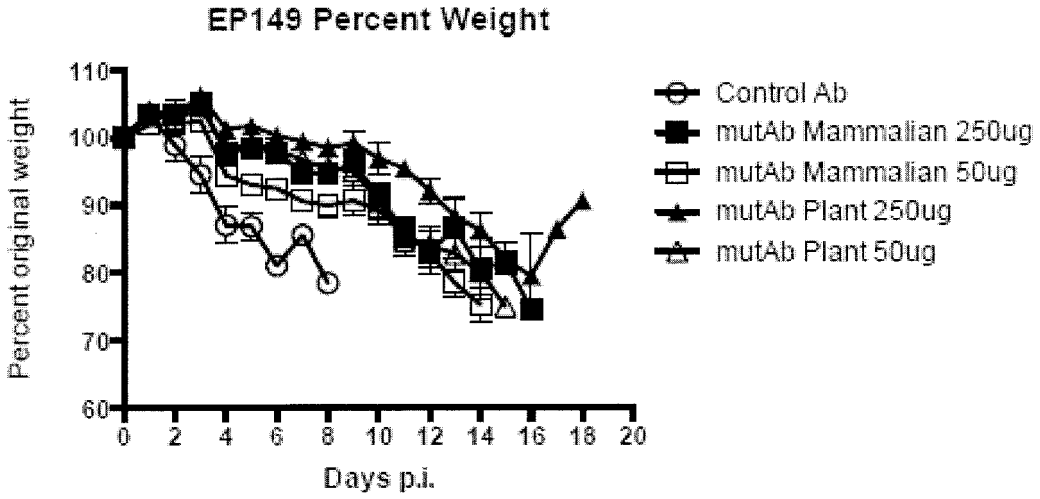
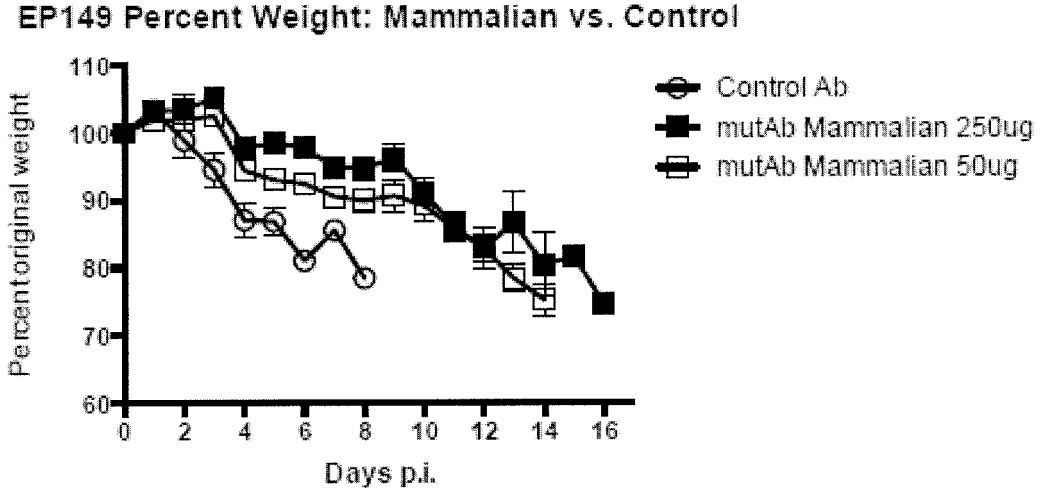

EP149 Survival: Plant vs. Control
Percent survival
Days Post Infection
Control Ab 250ug
mutAb Plant 250ug
mutAb Plant 50ug

FIG. 4

A


EP149 Percent Weight
Percent original weight
110
100
90
80
70
60
0 2 4 6 8 10 12 14 16 18 20
Days p.i.
Control Ab
mutAb Mammalian 250ug
mutAb Mammalian 50ug
mutAb Plant 250ug
mutAb Plant 50ug

B


EP149 Percent Weight: Mammalian vs. Control
Percent original weight
110
100
90
80
70
60
0 2 4 6 8 10 12 14 16
Days p.i.
Control Ab
mutAb Mammalian 250ug
mutAb Mammalian 50ug

C

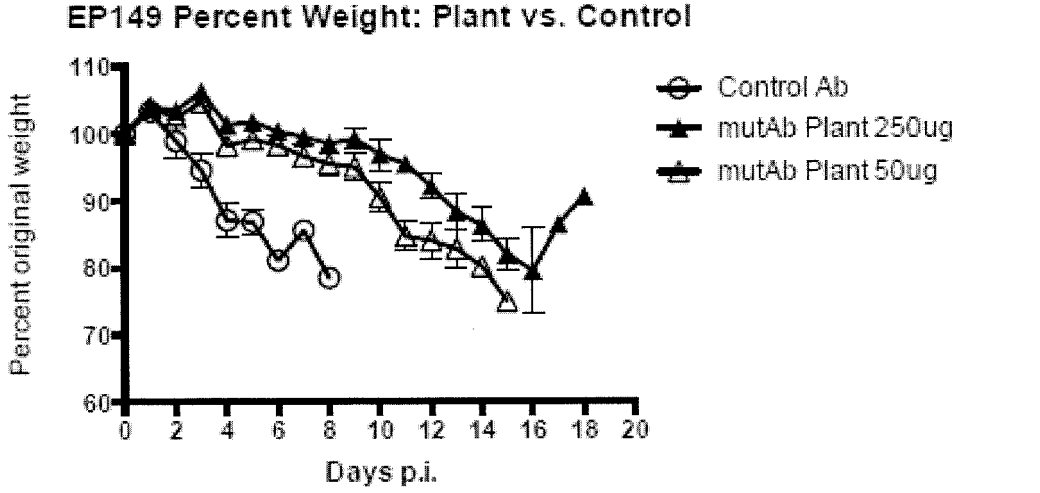
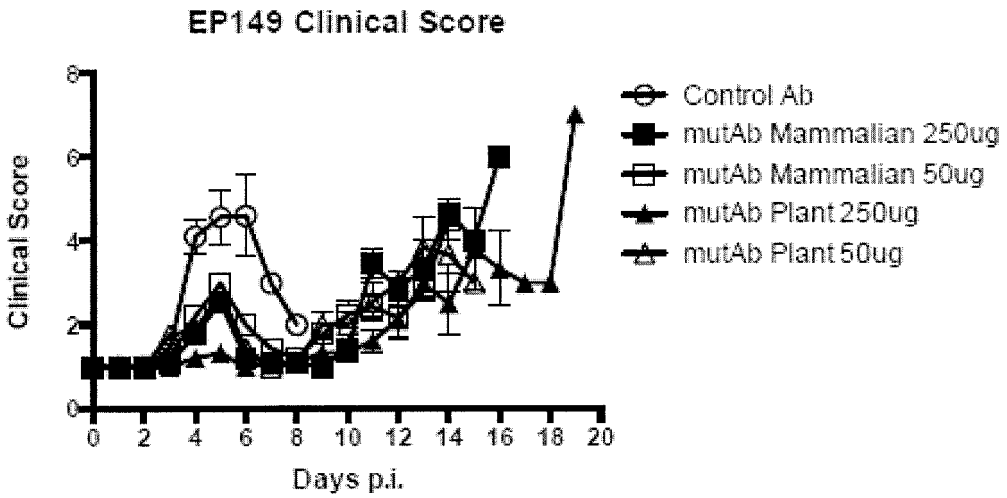
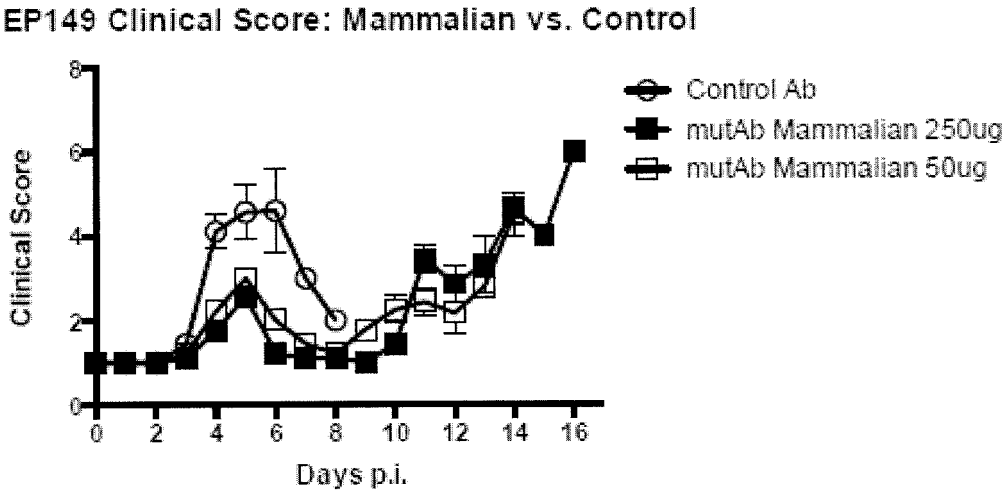

EP149 Percent Weight: Plant vs. Control
Percent original weight
110
100
90
80
70
60
0 2 4 6 8 10 12 14 16 18 20
Days p.i.
Control Ab
mutAb Plant 250ug
mutAb Plant 50ug

FIG. 5

A


EP149 Clinical Score
Clinical Score
Days p.i.
Control Ab
mutAb Mammalian 250ug
mutAb Mammalian 50ug
mutAb Plant 250ug
mutAb Plant 50ug

B


EP149 Clinical Score: Mammalian vs. Control
Clinical Score
Days p.i.
Control Ab
mutAb Mammalian 250ug
mutAb Mammalian 50ug

C

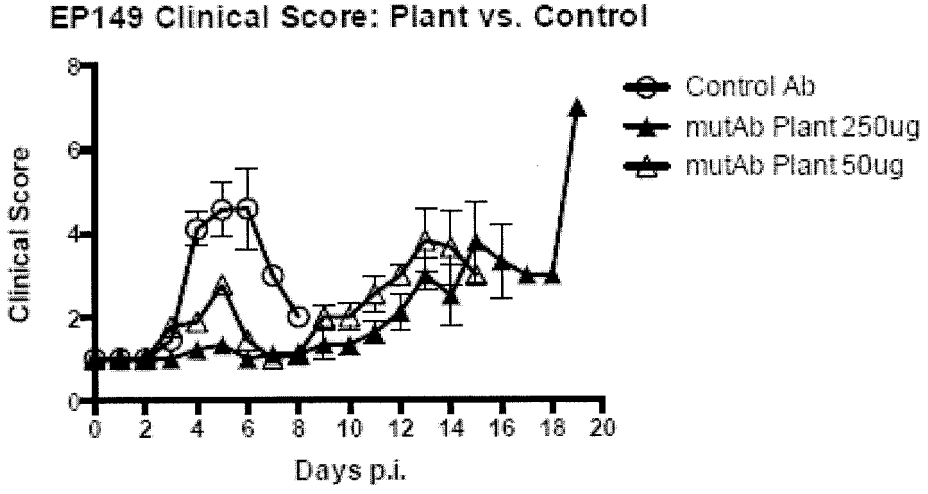

EP149 Clinical Score: Plant vs. Control
Clinical Score
Days p.i.
Control Ab
mutAb Plant 250ug
mutAb Plant 50ug

FIG. 6