Figure 1

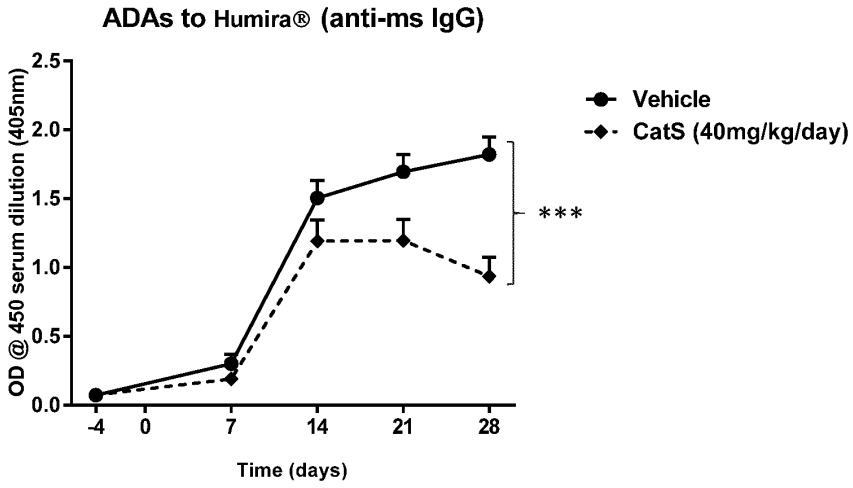

ADAs to Humira® (anti-ms IgG)
OD @ 450 serum dilution (405nm)
2.5
2.0
1.5
1.0
0.5
0.0
-4
0
7
14
21
28
Time (days)
Vehicle
CatS (40mg/kg/day)
***

Figure 2

Figure 2A

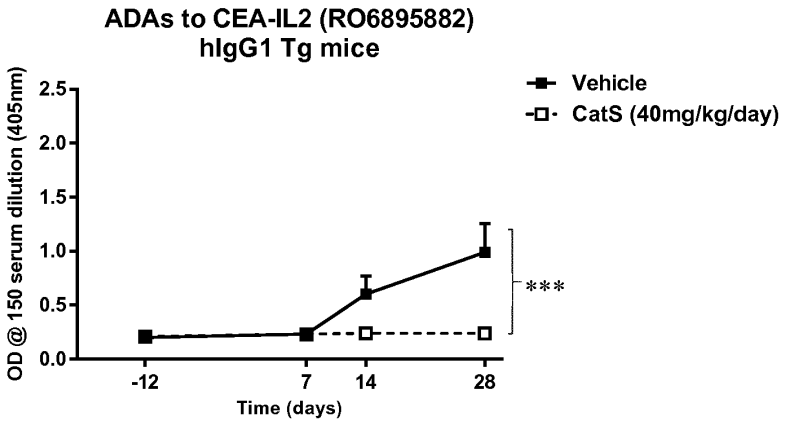


Figure 2B

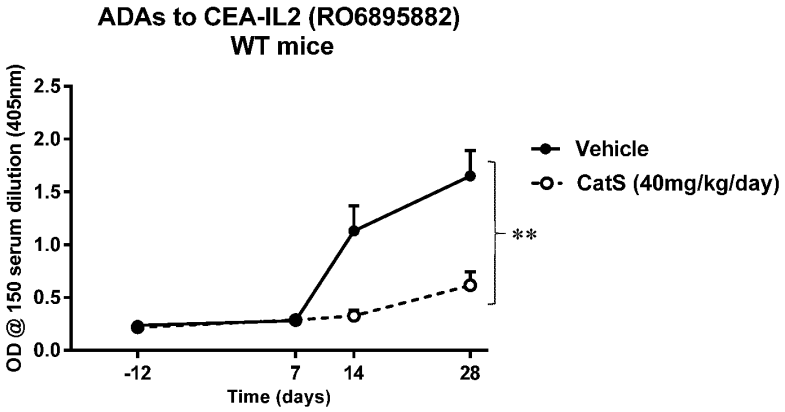


Figure 3

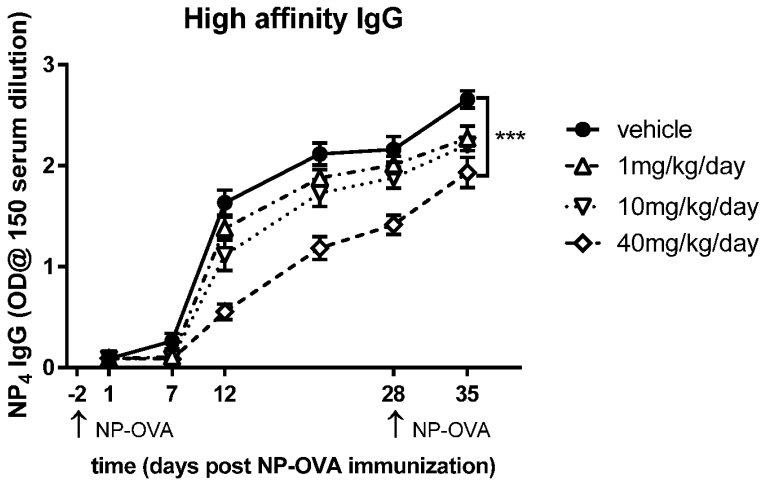

High affinity IgG
NP4 IgG (OD@ 150 serum dilution)
3
2
1
0
***
-2
1
7
12
28
35
NP-OVA
NP-OVA
time (days post NP-OVA immunization)
vehicle
1mg/kg/day
10mg/kg/day
40mg/kg/day

Figure 4

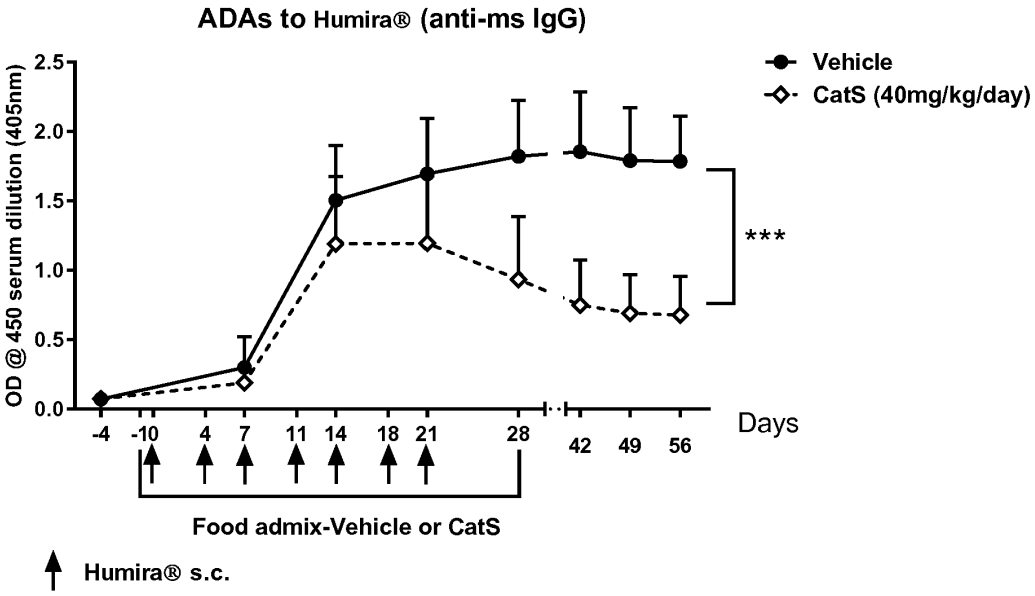

ADAs to Humira® (anti-ms IgG)
OD @ 450 serum dilution (405nm)
2.5
2.0
1.5
1.0
0.5
0.0
Vehicle
CatS (40mg/kg/day)
***
-4
-10
4
7
11
14
18
21
28
42
49
56
Days
Food admix-Vehicle or CatS
Humira® s.c.

Figure 5

Figure 5A

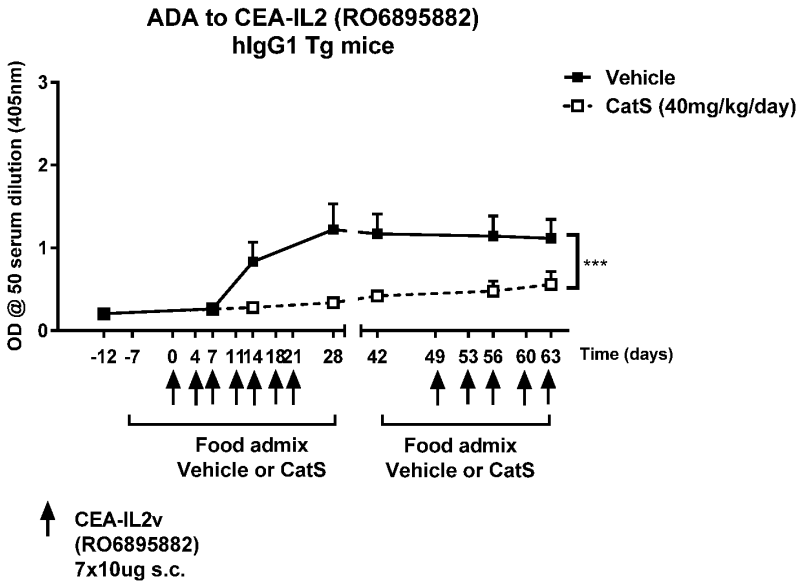


Figure 5B

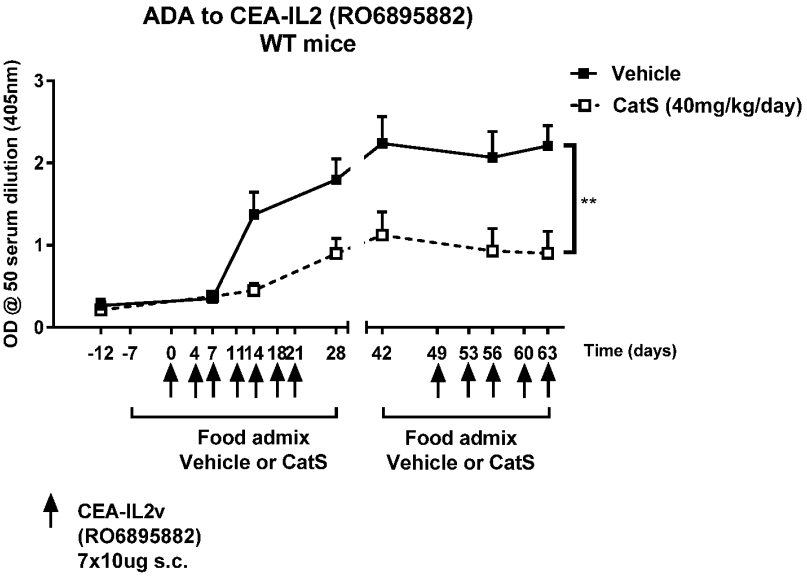


Figure 6

Figure 6A

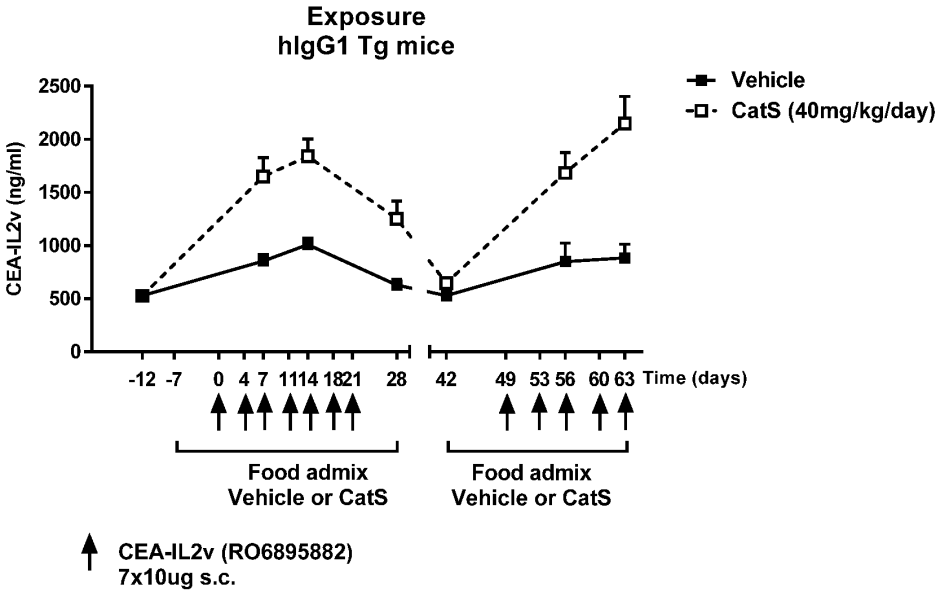
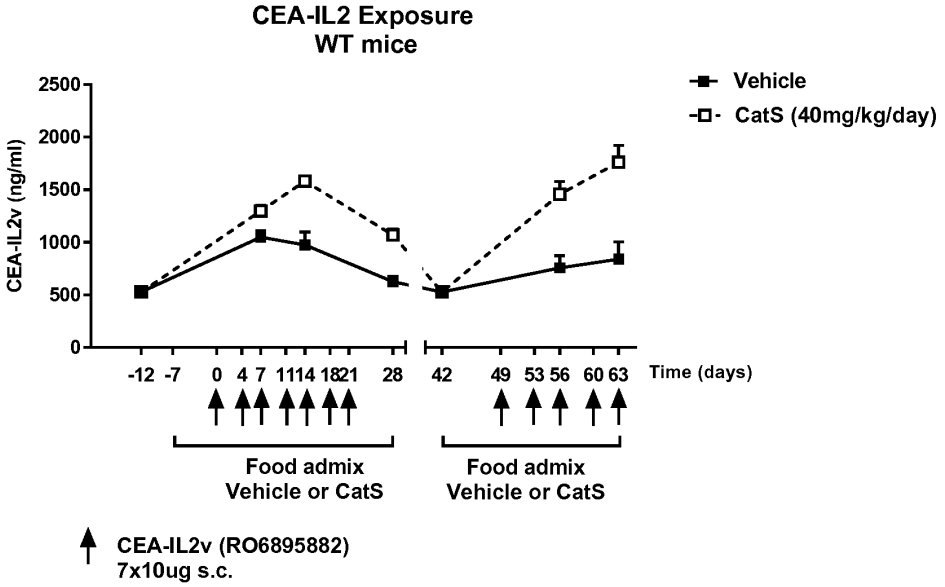


Figure 6B



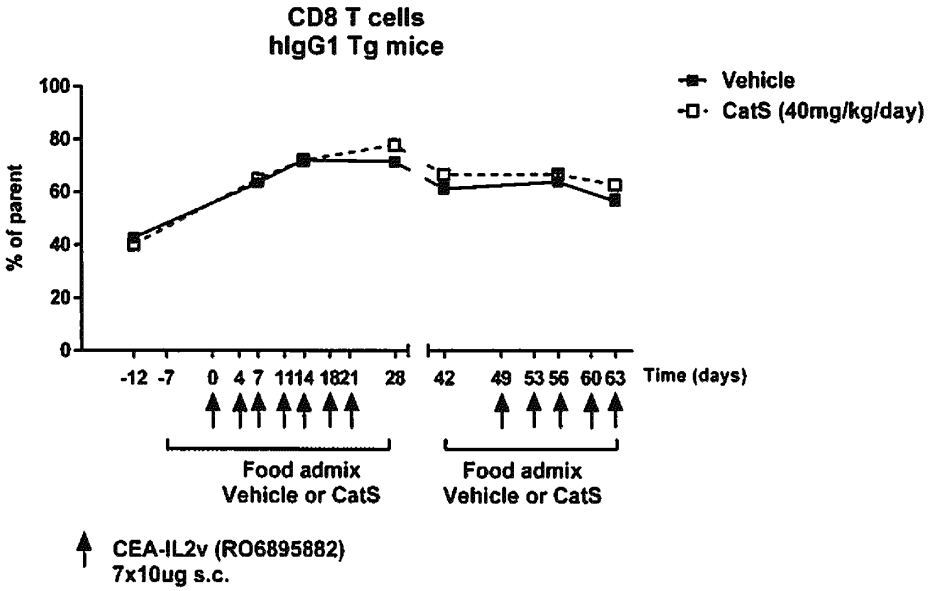


Figure 7A

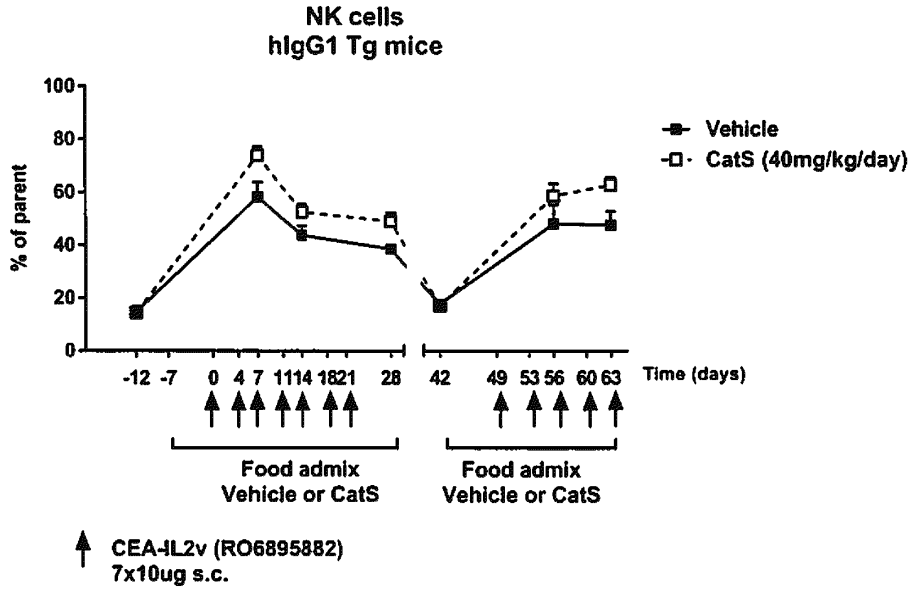


Figure 7B

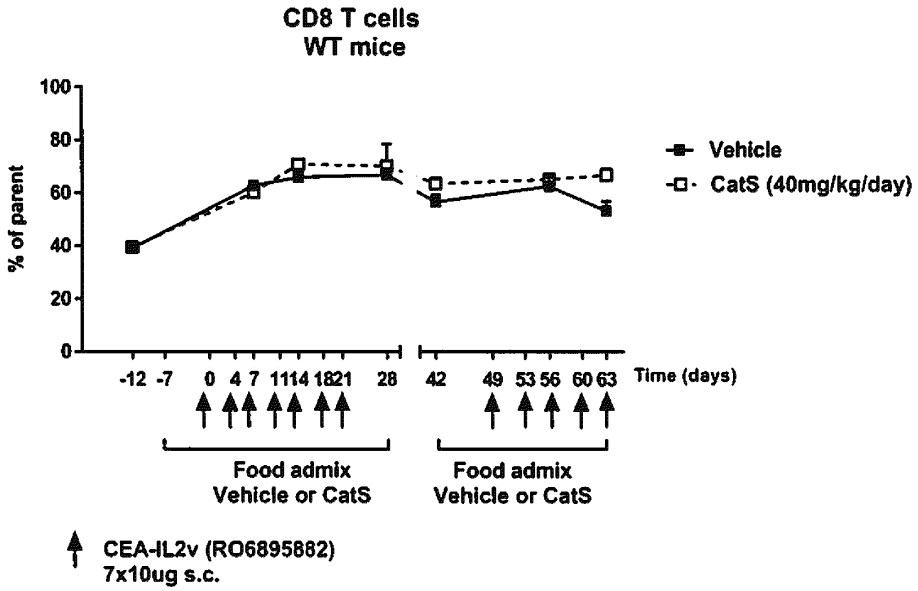


Figure 7C

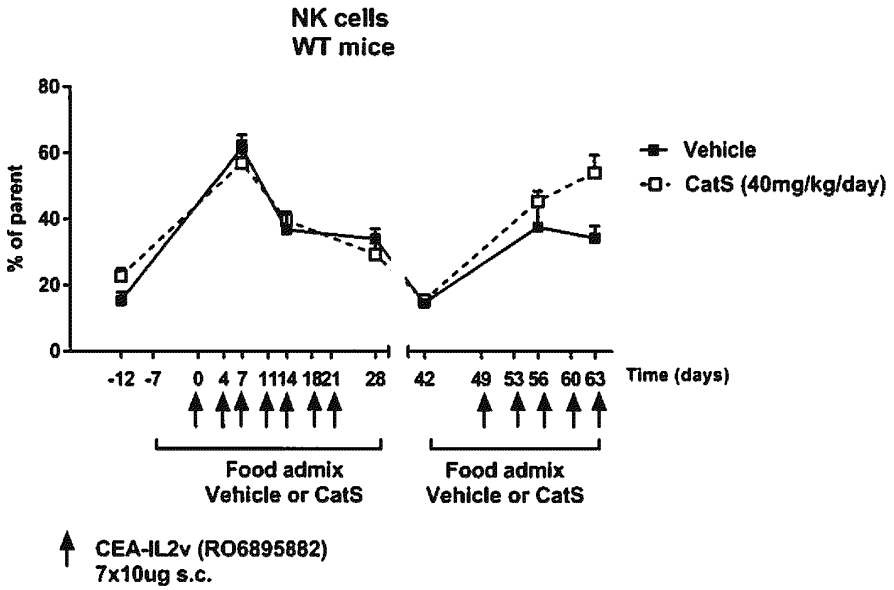


Figure 7D

Figure 8

Figure 8A

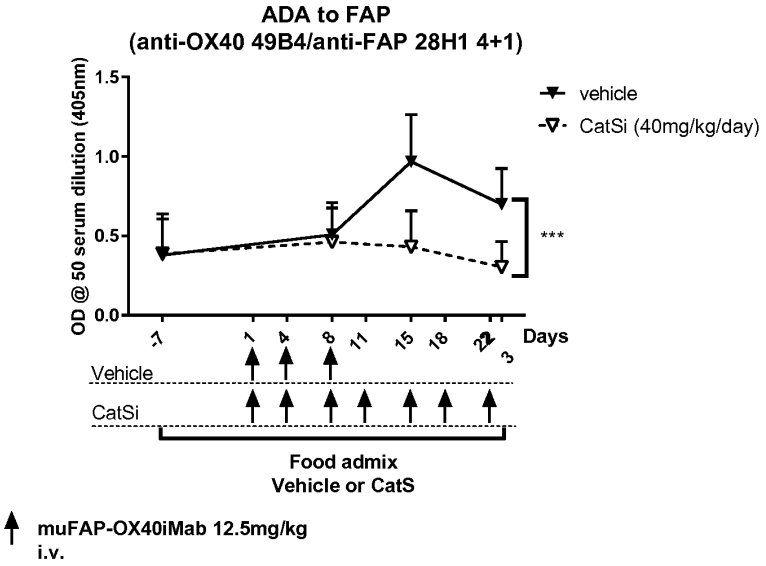


Figure 8B

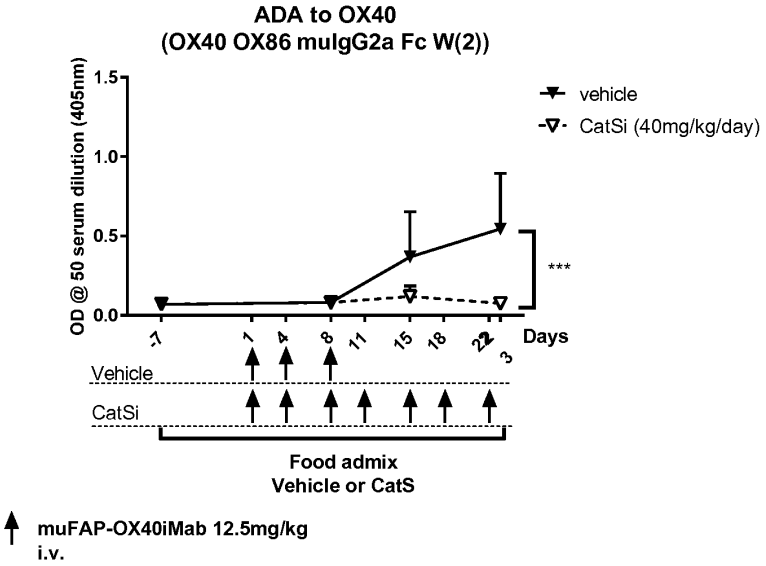


Figure 9

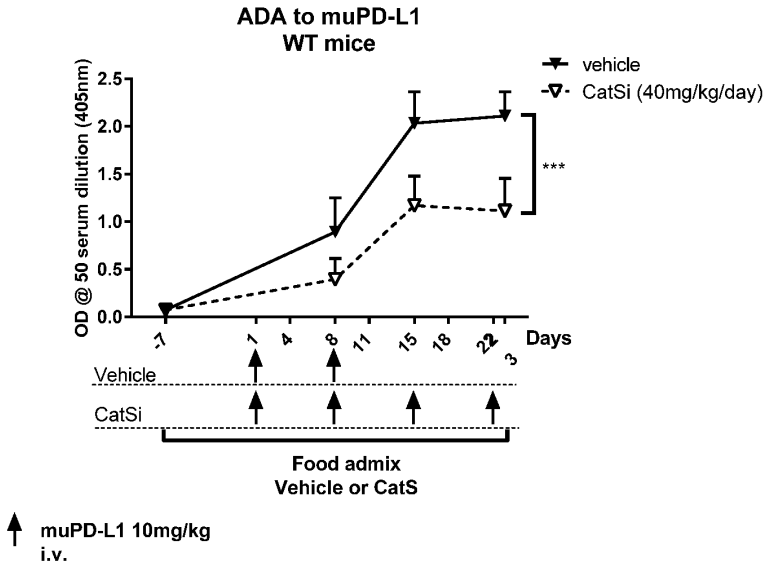
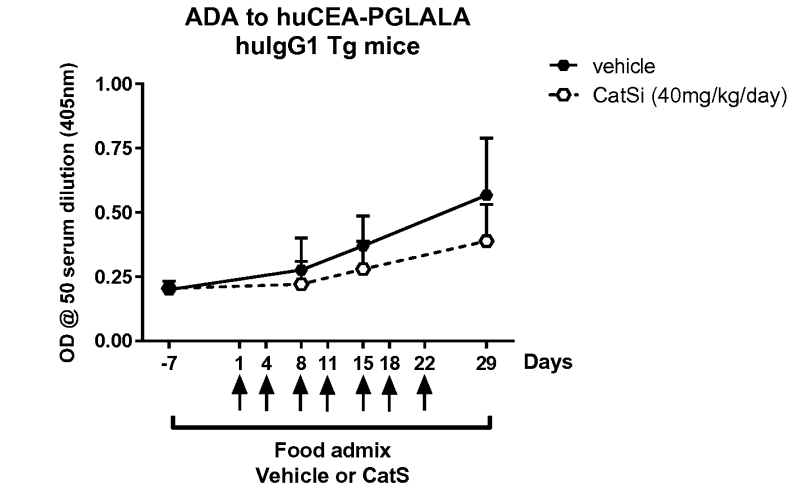

ADA to muPD-L1
WT mice
vehicle
CatSi (40mg/kg/day)
OD @ 50 serum dilution (405nm)
2.5
2.0
1.5
1.0
0.5
0.0
***
-7
1
4
8
11
15
18
22
3
Days
Vehicle
CatSi
Food admix
Vehicle or CatS
muPD-L1 10mg/kg
i.v.

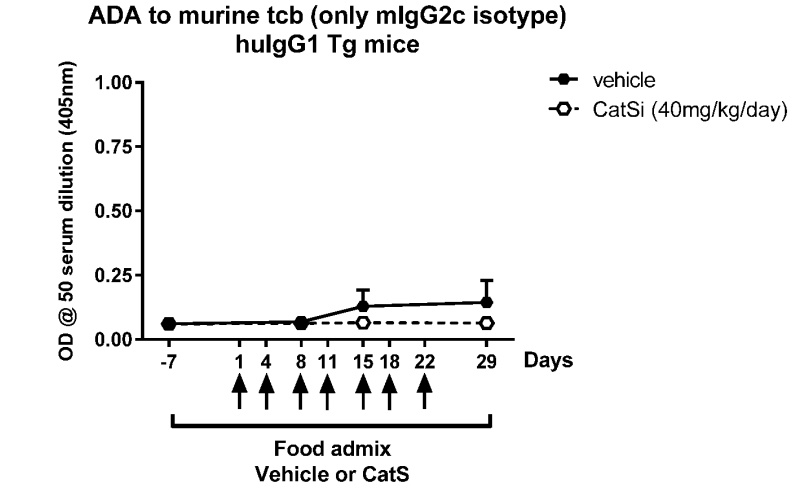
Figure 10

Figure 10A



CEA-TCB (P1AE3536, huCEA binder CH1A1A/mouse CD3 binder 2C11) 0.5mg/kg s.c.

Figure 10B



CEA-TCB (P1AE3536, huCEA binder CH1A1A/mouse CD3 binder 2C11) 0.5mg/kg s.c.