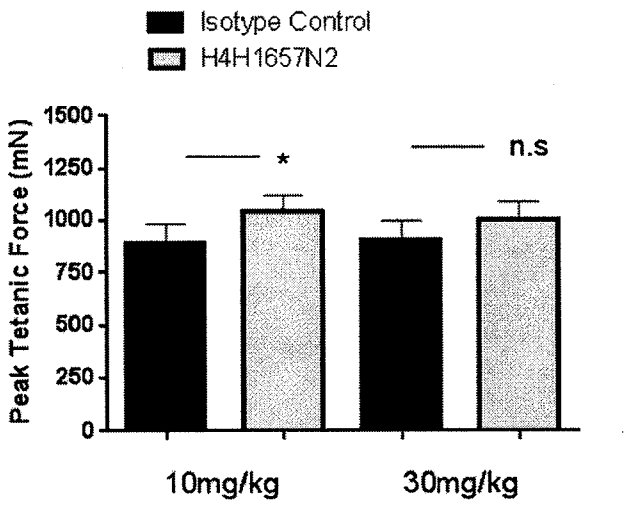
		1 uM mAb + 50 nM hActivin A													
α-Activin A	mAb Capture Level (nm)		1	2	3	4	5	6	7	8	9	10	11	12 (-)	13 (-)
H4H10446P2	1.66 ± 0.26	1	0.32	0.36	0.39	0.33	1.39	1.61	1.68	1.61	1.67	0.83	1.21	0.47	0.26
H4H10468P2	1.65 ± 0.27	2	0.33	0.39	0.40	0.41	1.41	1.68	1.73	1.66	1.70	1.08	0.79	0.41	0.28
H4H10442P2	1.73 ± 0.30	3	0.35	0.36	0.39	0.27	1.33	1.55	1.59	1.44	1.50	0.99	0.99	0.46	0.26
H4H10423P	1.62 ± 0.25	4	0.51	0.58	0.59	0.22	0.28	1.48	1.32	1.49	1.31	0.60	0.79	0.39	0.26
H4H10430P	1.67 ± 0.23	5	1.55	1.84	1.76	0.33	0.27	0.62	0.26	0.31	0.31	0.20	-0.03	0.49	0.27
H4H10429P	1.71 ± 0.29	6	1.24	1.37	1.40	1.39	0.65	0.32	0.26	0.34	0.29	0.16	-0.01	0.39	0.24
H4H10432P2	1.54 ± 0.45	7	1.36	1.58	1.63	1.32	0.28	0.32	0.24	0.29	0.27	0.15	-0.05	0.30	0.11
H4H10436P2	1.66 ± 0.45	8	1.22	1.32	1.39	1.41	0.28	0.36	0.23	0.30	0.27	0.16	-0.04	0.28	0.14
H4H10440P2	1.44 ± 0.35	9	1.17	1.37	1.40	1.22	0.29	0.41	0.27	0.32	0.28	0.13	-0.05	0.28	0.11
Control 1	1.33 ± 0.14	10	1.37	1.37	1.30	1.14	0.24	0.24	0.13	0.20	0.25	0.15	-0.05	0.27	0.12
Control 3	0.78 ± 0.10	11	0.69	0.35	0.15	0.58	0.06	0.01	0.01	0.00	0.08	-0.02	0.24	0.15	0.33
Isotype control	1.48 ± 0.27	12 (-)	0.22	0.25	0.23	0.18	0.23	0.22	0.14	0.20	0.23	0.26	-0.02	0.15	-0.02
Isotype control	1.18 ± 0.09	13 (-)	-0.12	0.02	0.01	-0.02	0.06	0.00	0.00	0.01	0.06	-0.03	0.20	-0.02	0.24

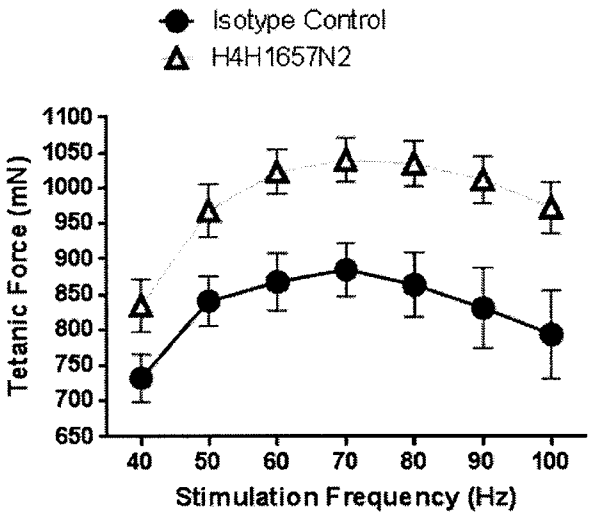
Figure 1

A



Stats by One Way Anova + HSD Tukey test
*p<0.05 compared to Isotype 10mg/kg
n.s. = not statistcally different from Isotype 30mg/kg

B



Stats by Two Way ANOVA + Sidak post hoc Test
Overall Drug Effect p<0.0001

Fig. 2

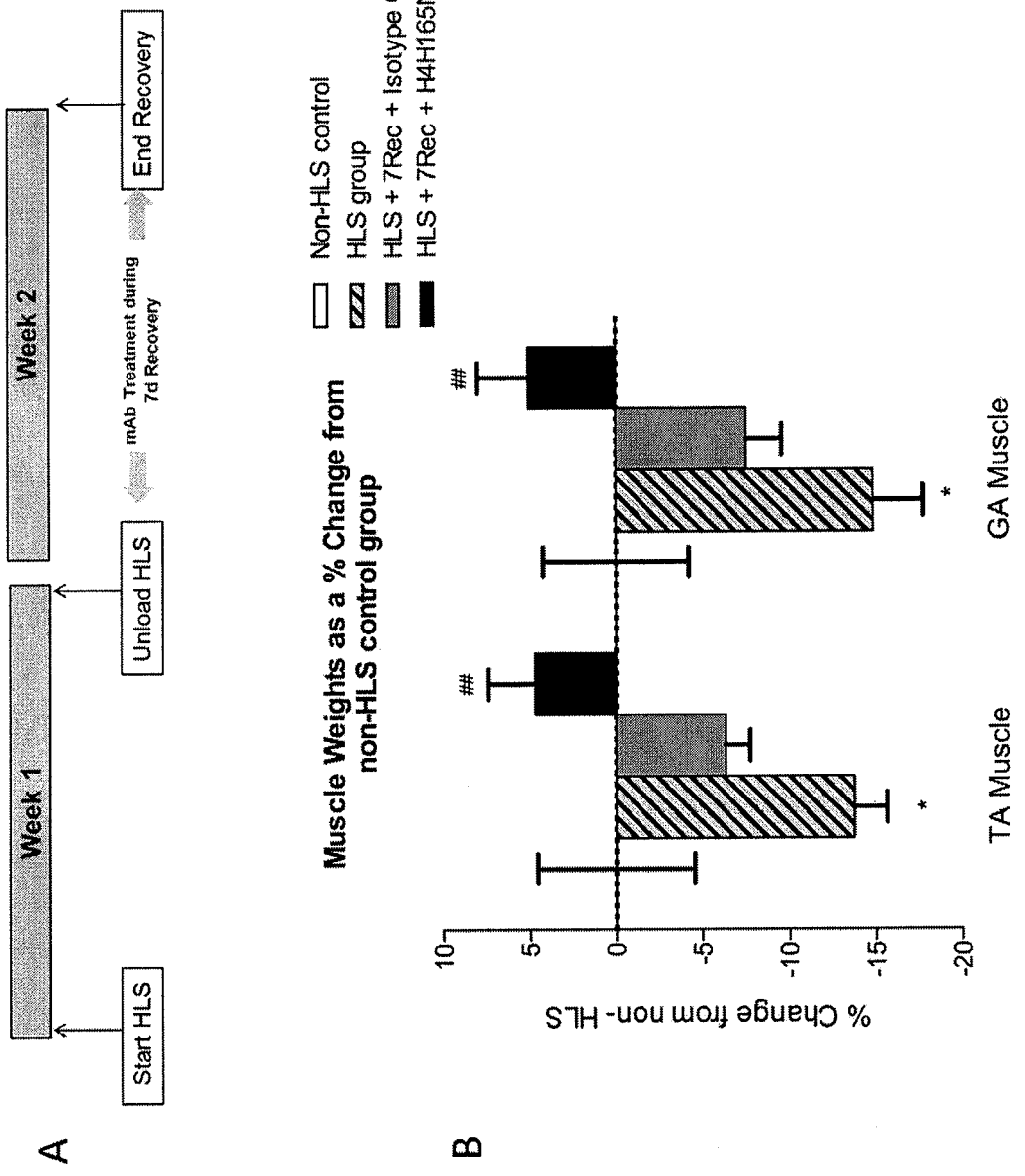
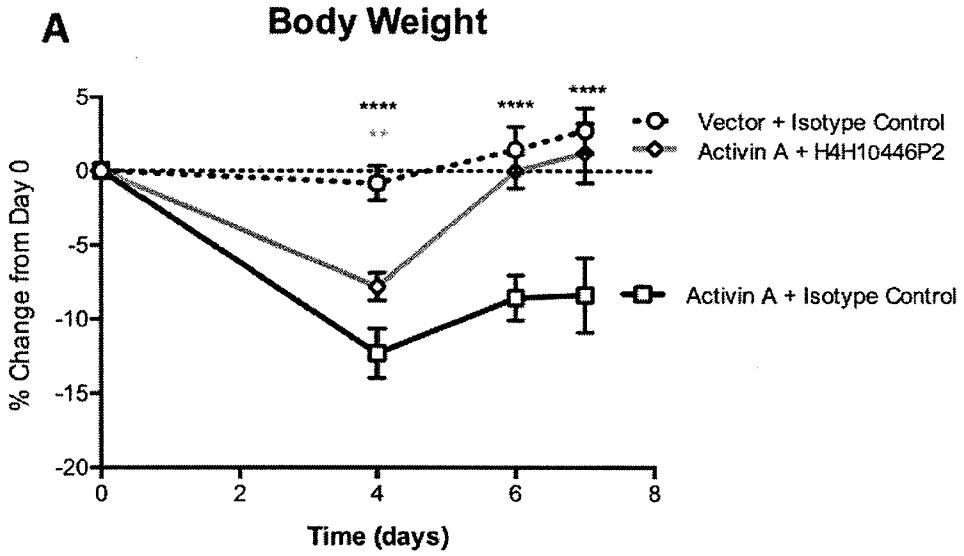

A
Start HLS
Week 1
Unload HLS
mAb Treatment during 7d Recovery
Week 2
End Recovery
B
Muscle Weights as a % Change from non-HLS control group
Non-HLS control
HLS group
HLS + 7Rec + Isotype Control
HLS + 7Rec + H4H1165N2
% Change from non- HLS
10
5
0
-5
-10
-15
-20
##
##
*
*
TA Muscle
GA Muscle

Fig. 3


A
Body Weight
% Change from Day 0
Time (days)
Vector + Isotype Control
Activin A + H4H10446P2
Activin A + Isotype Control
****
**

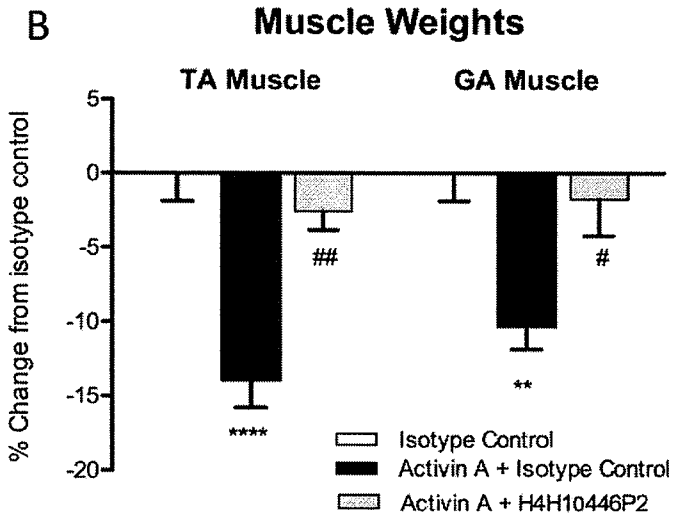

B
Muscle Weights
TA Muscle
GA Muscle
% Change from isotype control
Isotype Control
Activin A + Isotype Control
Activin A + H4H10446P2
****
##
**
#

Figure 4