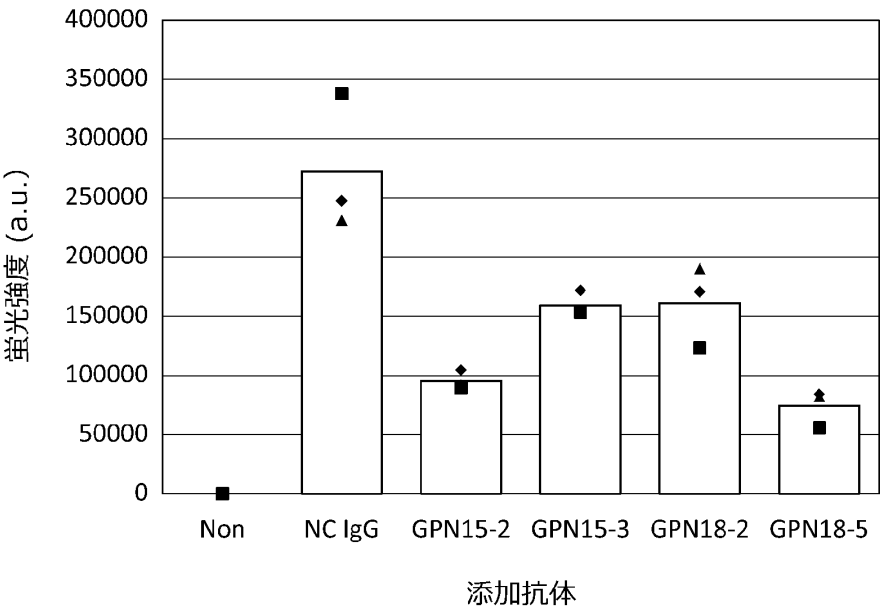


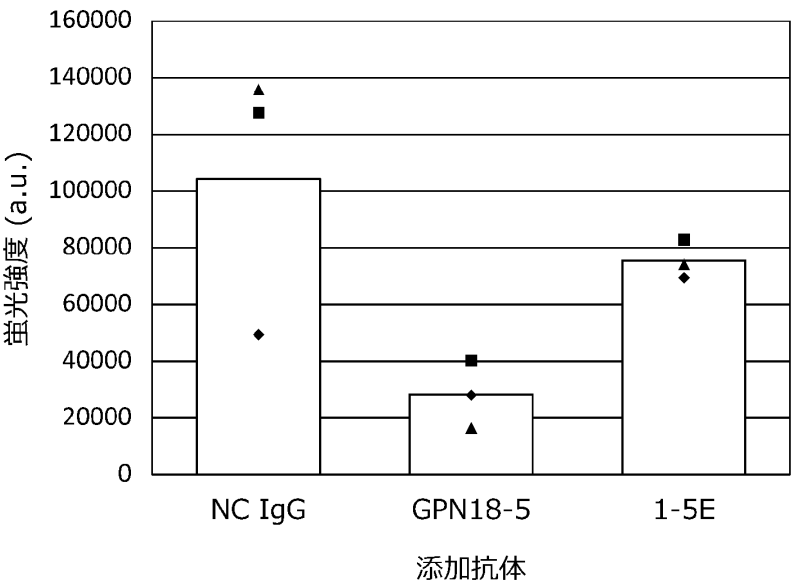
[図2]

図2



[図3]

図3



[図4]

図4

GPN06-1_VH	(1)	QVQLVQSPGAEIVRPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
hGPN06-1_VH1	(1)	QVQLVQSPGAEIVKIKPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
hGPN06-1_VH2	(1)	QVQLVQSPGAEIVKIKPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
hGPN06-1_VH3	(1)	QVQLVQSPGAEIVRPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
hGPN06-1_VH4	(1)	QVQLVQSPGAEIVKIKPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
hGPN06-1_VH5	(1)	QVQLVQSPGAEIVKIKPGASVKLSCKASGYTFTDNWVGWVVKQRPGQG	LEWII	GA	(50)
GPN06-1_VH	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
hGPN06-1_VH1	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
hGPN06-1_VH2	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
hGPN06-1_VH3	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
hGPN06-1_VH4	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
hGPN06-1_VH5	(51)	IDPSDSFTNYNQNFKGKATLTVDTSSTAYMQLSSLTISE	DSAVY	FCTRS	G (100)
GPN06-1_VH	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)
hGPN06-1_VH1	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)
hGPN06-1_VH2	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)
hGPN06-1_VH3	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)
hGPN06-1_VH4	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)
hGPN06-1_VH5	(101)	YYGSPKLGGDYWGQGTITLVSS			(122)

[図6]

[illegible]

[図7]

[illegible]

[図8]

8

GP18-S_VH1 (1)	Q V Q L	Q S G A E	K P C	S V K	S C K A S G Y F T	I Y W M N W V	Q	P G Q	L E W I G A (50)
GP18-S_VH1 (1)	Q V Q L	Q S G A E	K P C	S V K	S C K A S G Y F T	I Y W M N W V	Q	P G Q	L E W I G A (50)
GP18-S_VH2 (1)	Q V Q L	Q S G A E	K P C	S V K	S C K A S G Y F T	I Y W M N W V	Q	P G Q	L E W I G A (50)
GP18-S_VH3 (1)	Q V Q L	Q S G A E	K P C	S V K	S C K A S G Y F T	I Y W M N W V	Q	P G Q	L E W I G A (50)
GP18-S_VH1 (51)	I N P S N D Y T E Y N Q K F K G R	T A D	S T	Y M	L S S L	S E D	A V Y C G R S Y (100)		
GP18-S_VH1 (51)	I N P S N D Y T E Y N Q K F K G R	T A D	S T	Y M	L S S L	S E D	A V Y C G R S Y (100)		
GP18-S_VH2 (51)	I N P S N D Y T E Y N Q K F K G R	T A D	S T	Y M	L S S L	S E D	A V Y C G R S Y (100)		
GP18-S_VH3 (51)	I N P S N D Y T E Y N Q K F K G R	T A D	S T	Y M	L S S L	S E D	A V Y C G R S Y (100)		
GP18-S_VH1 (101)	S P D Y W G Q G T T	T V S S	(115)						
GP18-S_VH1 (101)	S P D Y W G Q G T T	T V S S	(115)						
GP18-S_VH2 (101)	S P D Y W G Q G T T	T V S S	(115)						
GP18-S_VH3 (101)	S P D Y W G Q G T T	T V S S	(115)						

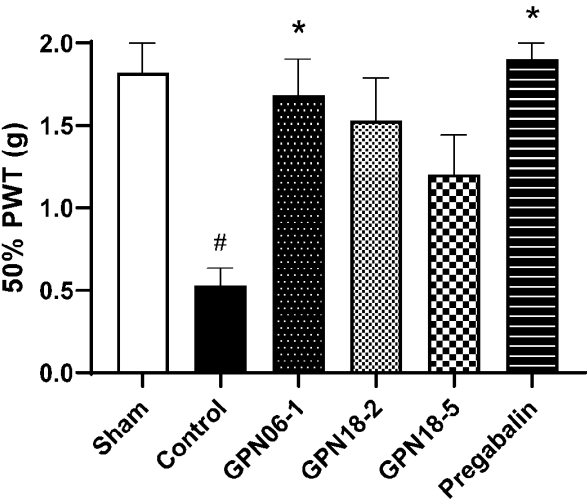
[図9]



GPM18_5_VL	(1)	D I	M T Q S	G F M S	S V G C R V	T C K A S Q N V D N H V A W	Q Q K P G Q	P K A L I Y S
KSPM18_5_VL1	(1)	I O M T Q S	P I S S L S A	S V G C R V	T I I T C K A S Q N V D N H V A W	F Q Q K P G K A I P K A L I Y S		
KSPM18_5_VL2	(1)	O I M T Q S	P I S S L S A	S V G C R V	T I I T C K A S Q N V D N H V A W	F Q Q K P G K A I P K A L I Y S		
KSPM18_5_VL3	(1)	D I	M T Q S	P I S S L S A	S V G C R V	T I I T C K A S Q N V D N H V A W	Q Q K P G Q	P K A L I Y S
GPM18_5_VL	(5)	A S Y R Y S G V P D	R F S	G S G S G T D F Y L T	I S I S L Q P E D F A	Y F C Q Q Y K S Y P F T F G C		
KSPM18_5_VL1	(5)	A S Y R Y S G V P D	R F S	G S G S G T D F Y L T	I S I S L Q P E D F A	Y F C Q Q Y K S Y P F T F G C		
KSPM18_5_VL2	(5)	A S Y R Y S G V P D	R F S	G S G S G T D F Y L T	I S I S L Q P E D F A	Y F C Q Q Y K S Y P F T F G C		
KSPM18_5_VL3	(5)	A S Y R Y S G V P D	R F S	G S G S G T D F Y L T	I S I S L Q P E D F A	Y F C Q Q Y K S Y P F T F G C		
GPM18_5_VL	(10)	G T	L E I K	(107)				
KSPM18_5_VL1	(10)	G T	L E I K	(107)				
KSPM18_5_VL2	(10)	G T	L E I K	(107)				
KSPM18_5_VL3	(10)	G T	L E I K	(107)				

[図10]

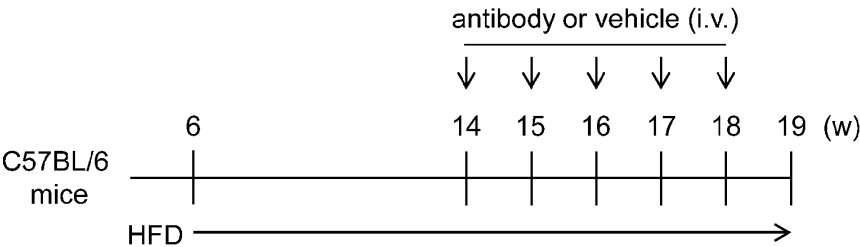
図10



n=4-5, Mean+SEM
*p<0.05 vs. Sham, Wilcoxon rank sum test
*p<0.05 vs. Control, Steel's test

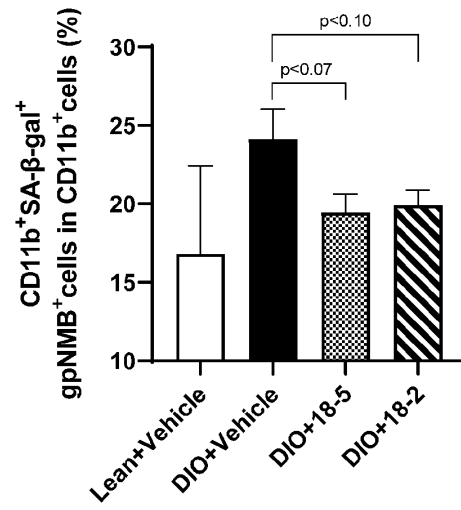
[図11]

図11



[図12]

図12



[図13]

図13

