

Figure 1A

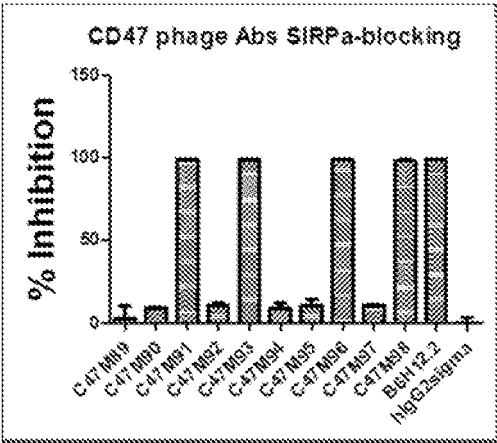


Figure 1B

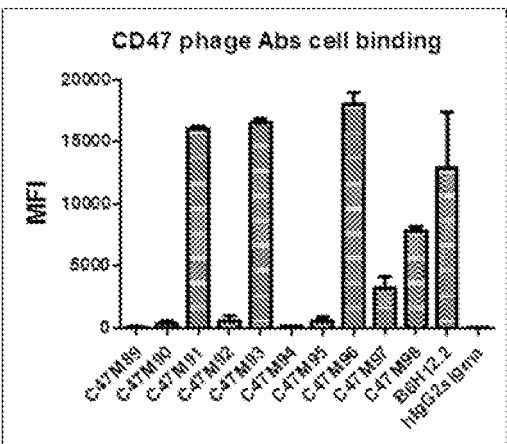


Figure 2A

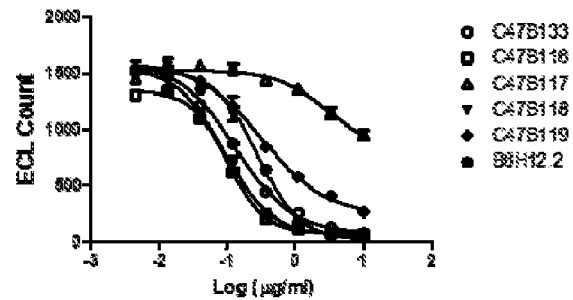


Figure 2B

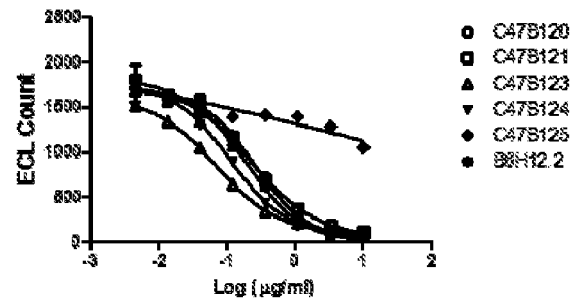
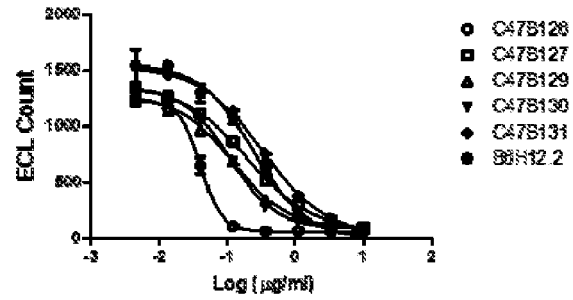


Figure 2C

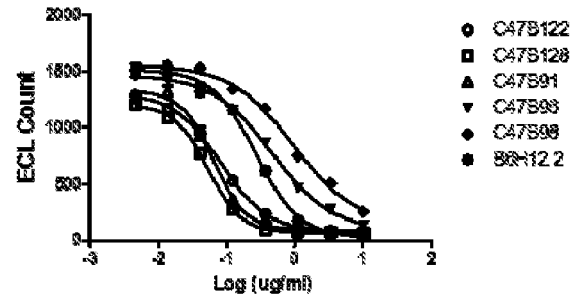


Figure 2D

Figure 3A

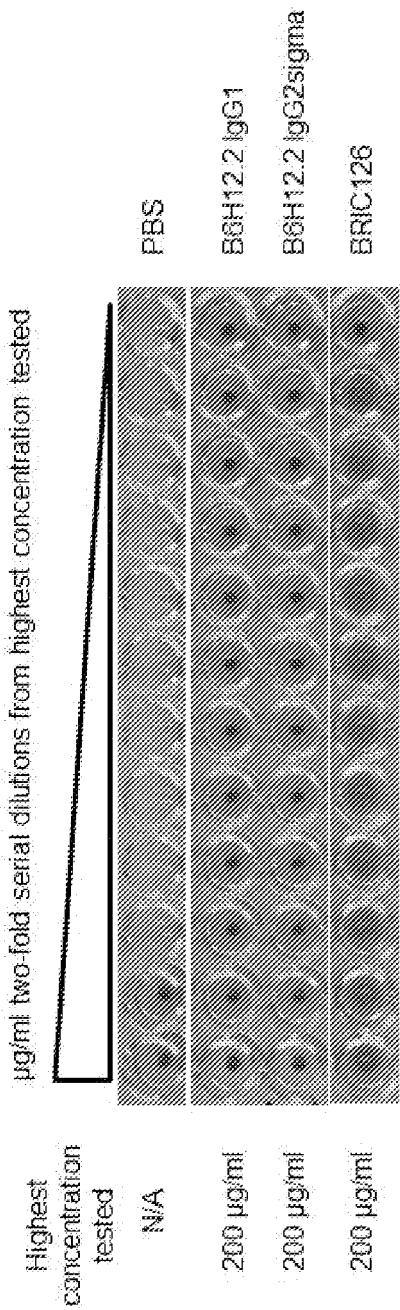


Figure 3B

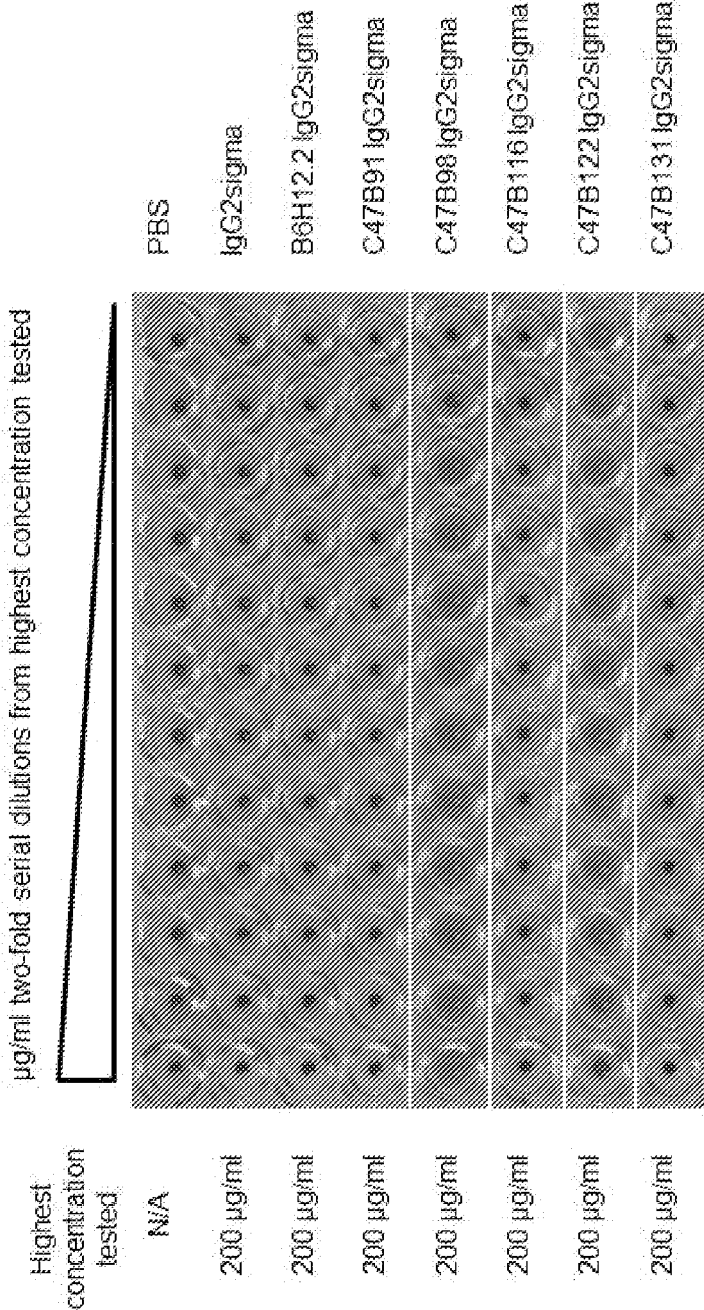


Figure 4

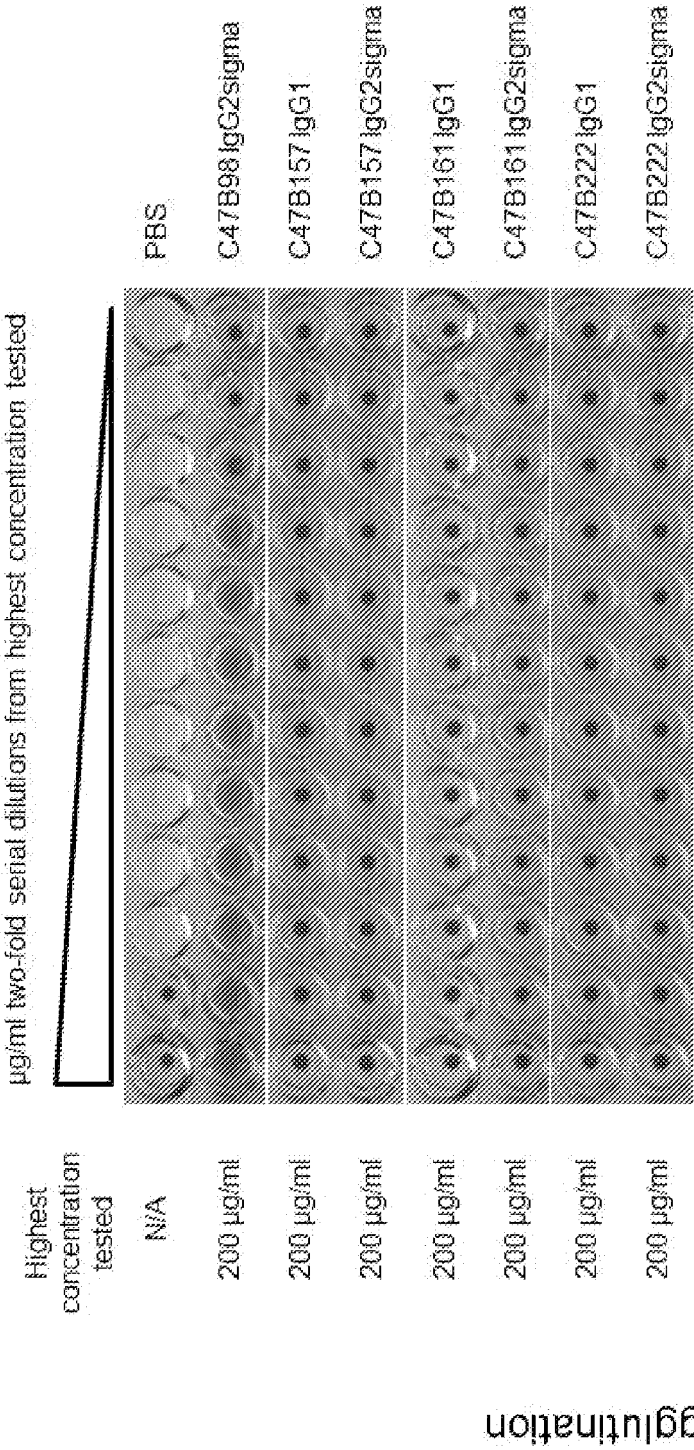


Figure 5A

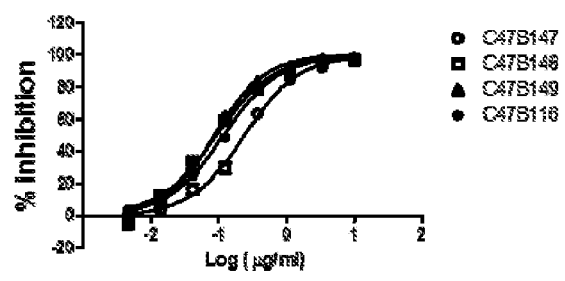


Figure 5B

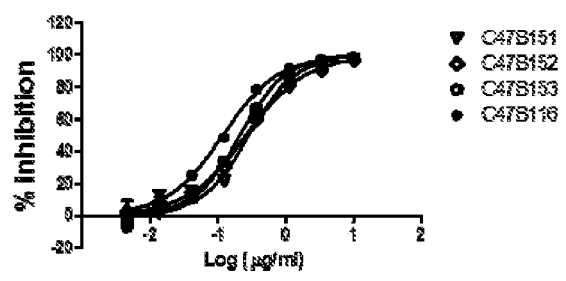


Figure 5C

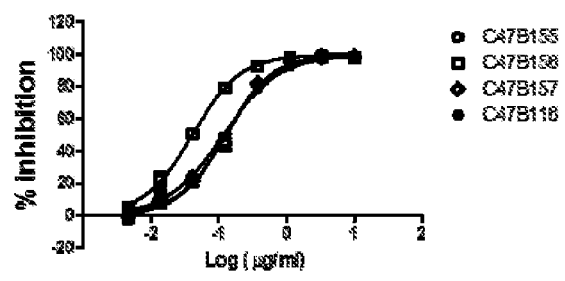


Figure 5D

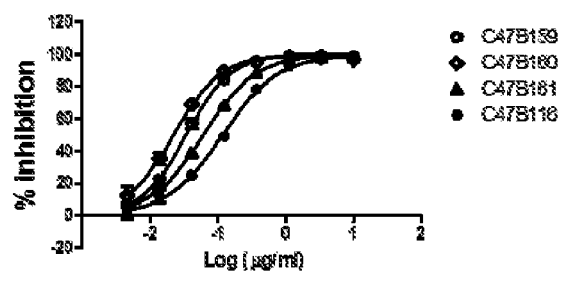


Figure 6

Epitopes

C47B161_epitope	1	Q L L F N K T K S V E F T F G N D T V V I P C F V T N M E A Q N T T E V Y V K W K F K G R D I Y T F D G A L N K S T V P T D F S S	65
C47B167_epitope	1	Q L L F N K T K S V E F T F G N D T V V I P C F V T N M E A Q N T T E V Y V K W K F K G R D I Y T F D G A L N K S T V P T D F S S	65
C47B222_epitope	1	Q L L F N K T K S V E F T F G N D T V V I P C F V T N M E A Q N T T E V Y V K W K F K G R D I Y T F D G A L N K S T V P T D F S S	65
C47B227_epitope	1	Q L L F N K T K S V E F T F G N D T V V I P C F V T N M E A Q N T T E V Y V K W K F K G R D I Y T F D G A L N K S T V P T D F S S	65
B6H12.2_epitope	1	Q L L F N K T K S V E F T F G N D T V V I P C F V T N M E A Q N T T E V Y V K W K F K G R D I Y T F D G A L N K S T V P T D F S S	65
C47B161_epitope	66	A K I E V S Q L L K G D A S L K M D K S D A V S H T G N Y T C E V T E L T R E G E T I I E L K Y R V V S W F S P N E H H H H H H	129
C47B167_epitope	66	A K I E V S Q L L K G D A S L K M D K S D A V S H T G N Y T C E V T E L T R E G E T I I E L K Y R V V S W F S P N E H H H H H H	129
C47B222_epitope	66	A K I E V S Q L L K G D A S L K M D K S D A V S H T G N Y T C E V T E L T R E G E T I I E L K Y R V V S W F S P N E H H H H H H	129
C47B227_epitope	66	A K I E V S Q L L K G D A S L K M D K S D A V S H T G N Y T C E V T E L T R E G E T I I E L K Y R V V S W F S P N E H H H H H H	129
B6H12.2_epitope	66	A K I E V S Q L L K G D A S L K M D K S D A V S H T G N Y T C E V T E L T R E G E T I I E L K Y R V V S W F S P N E H H H H H H	129

Paratopes

CDR-L1			
C47B161_LC	1	D I V M T Q S P L S L P V T P G E P A S I S C R S R Q S I V H T N R Y T L A W Y L Q K P G Q S P Q L L I Y K V S N R F S G V P D R F S G S G S G	73
C47B167_LC	1	E I V L T Q S P A T L S L S P G E R A T L S C R A S S V S Y M H W Y Q Q K P G Q A P R L L I Y D T S R L A S G I P A R F S G S G S G	67
C47B222_LC	1	E I V L T Q S P A T L S L S P G E R A T L S C R A S Q S V N N R L A W Y Q Q K P G Q A P R L L I H W A S T R A I G I P A R F S G S G S G	68
C47B227_LC	1	E I V L T Q S P A T L S L S P G E R A T L S C R A S Q S V G S R L A W Y Q Q K P G Q A P R L L I Y W A S T R A T G I P A R F S G S G S G	68
B6H12.2_LC	1	D I V M T Q S P A T L S V T P G D R V S L S C R A S Q T I S D Y L H W Y Q Q K S H E S P R L L I K F A S Q S I S G I P S R F S G S G S G	68
CDR-L3			
C47B161_LC	74	T D F T L K I S R V E A E D V G V Y Y C F Q G S H V P Y T F G G G T K L E I K R T V A A P S V F I F P P S D E Q L K S G T A S V V C L L N N F Y P	146
C47B167_LC	68	T D F T L T I S S L E P E D F A V Y Y C Q Q W R S N P Y F G G G T K V E I K R T V A A P S V F I F P P S D E Q L K S G T A S V V C L L N N F Y P	140
C47B222_LC	69	T D F T L T I S S L E P E D F A V Y Y C Q Q G A S W P F T F G G T K V E I K R T V A A P S V F I F P P S D E Q L K S G T A S V V C L L N N F Y P	141
C47B227_LC	69	T D F T L T I S S L E P E D F A V Y Y C Q Q A Y W P F T F G G T K V E I K R T V A A P S V F I F P P S D E Q L K S G T A S V V C L L N N F Y P	141
B6H12.2_LC	69	S D F T L S I N S V E P E D V G V Y Y C Q N C H G F R F T F G G G T K L E I K R T V A A P S V F I F P P S D E Q L K S G T A S V V C L L N N F Y P	141
C47B161_LC	147	R E A K V Q W K V D N A L Q S G N S Q E S V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V T H Q L G L S S P V T K S F N R G E C	219
C47B167_LC	141	R E A K V Q W K V D N A L Q S G N S Q E S V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V T H Q L G L S S P V T K S F N R G E C	213
C47B222_LC	142	R E A K V Q W K V D N A L Q S G N S Q E S V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V T H Q L G L S S P V T K S F N R G E C	214
C47B227_LC	142	R E A K V Q W K V D N A L Q S G N S Q E S V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V T H Q L G L S S P V T K S F N R G E C	214
B6H12.2_LC	142	R E A K V Q W K V D N A L Q S G N S Q E S V T E Q D S K D S T Y S L S S T L T L S K A D Y E K H K V Y A C E V T H Q L G L S S P V T K S F N R G E C	214
CDR-H1			
C47B161_HC	1	Q V Q L V Q S G A E V K K P G A S V K V S C K A S G Y T F T S Y N M H W V R Q A P G Q R L E W M G D I Y P Y N G G T G Y N Q K F K G R V T I T R D T S A S T	78
C47B167_HC	1	E V Q L V Q S G A E V K K P G E S L K I S C K G S G Y T F T S Y M Q W V R Q M P G K G L E W M C E I N P S N G R T D Y N E K F R G Q V T I S A D K S I S T	78
C47B222_HC	1	E V Q L V Q S G A E V K K P G E S L K I S C K G S G Y S F T D Y W I G W V R Q M P G K G L E W M C I I X P C D S D T R Y S P S F Q G Q V T I S A D K S I S T	78
C47B227_HC	1	E V Q L V Q S G A E V K K P G E S L K I S C K G S G Y S F D D Y W I G W V R Q M P G K G L E W M C I I X P C D S D T R Y S P S F Q G Q V T I S A D K S I S T	78
B6H12.2_HC	1	E V K L V E S G G D L V K P G G S L K L S C A A S G T F T S G Y G M S W V R Q T P D K R L E W V A T I T S G G T Y I Y P D S V K G R F T I S R D N A K N T	78
CDR-H3			
C47B161_HC	79	A Y M E L S S L R S E D T A V Y Y C A R G G W H A M D S W G Q G T L V T V S S A S T K G P S V F P L A P S S K S T S G G T A A L G C L V K D Y	149
C47B167_HC	79	A Y L Q W S S L K A S D T A M Y Y C A R G G G S G Y G N S Y G F F D V W G Q G T T V T V S S A S T K G P S V F P L A P S S K S T S G G T A A L G C L V K D Y	156
C47B222_HC	79	A Y L Q W S S L K A S D T A V Y Y C A R V G R F A S H Q L D Y W G Q G T L V T V S S A S T K G P S V F P L A P S S K S T S G G T A A L G C L V K D Y	152
C47B227_HC	79	A Y L Q W S S L K A S D T A V Y Y C A R V G R F A S H Q L D Y W G Q G T L V T V S S A S T K G P S V F P L A P S S K S T S G G T A A L G C L V K D Y	152
B6H12.2_HC	79	L Y L Q I D S L K S E D T A I Y F C A R S L A G N A M D Y W G Q G T S V T V S S A S T K G P S V F P L A P S S K S T S G G T A A L G C L V K D Y	150
C47B161_HC	150	F P E P V T V S W N S G A L T S G V H T F P A V L Q S S G L Y S L S S V T V P S S S L G T Q T Y I C N V N H K P S N T K V D K K V E P K S C H H H H H H	226
C47B167_HC	157	F P E P V T V S W N S G A L T S G V H T F P A V L Q S S G L Y S L S S V T V P S S S L G T Q T Y I C N V N H K P S N T K V D K K V E P K S C H H H H H H	233
C47B222_HC	153	F P E P V T V S W N S G A L T S G V H T F P A V L Q S S G L Y S L S S V T V P S S S L G T Q T Y I C N V N H K P S N T K V D K K V E P K S C H H H H H H	229
C47B227_HC	153	F P E P V T V S W N S G A L T S G V H T F P A V L Q S S G L Y S L S S V T V P S S S L G T Q T Y I C N V N H K P S N T K V D K K V E P K S C H H H H H H	229
B6H12.2_HC	151	F P E P V T V S W N S G A L T S G V H T F P A V L Q S S G L Y S L S S V T V P S S S L G T Q T Y I C N V N H K P S N T K V D K K V E P K S C H H H H H H	227

Figure 7A

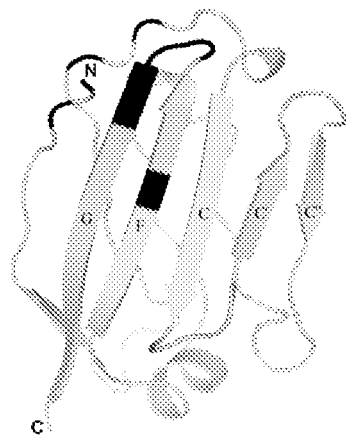


Figure 7B

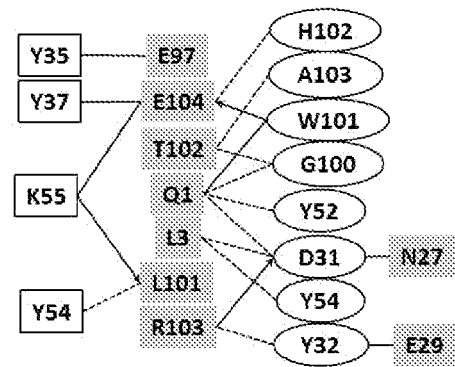
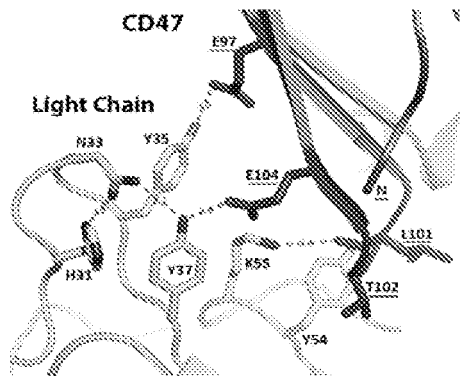


Figure 7C

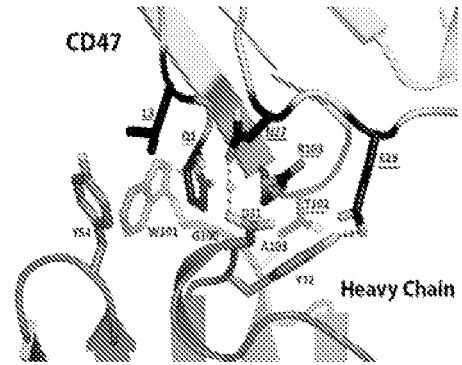


Figure 7D

Figure 8A

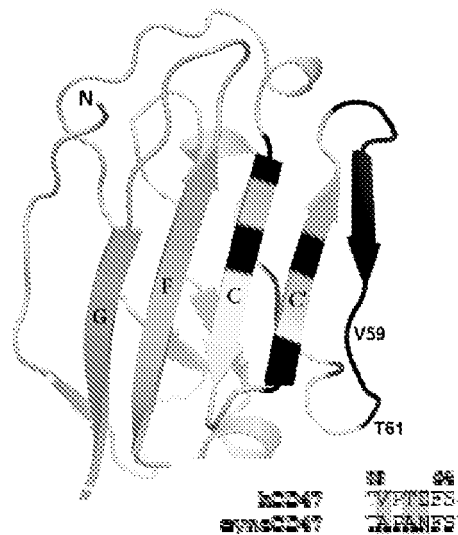


Figure 8B

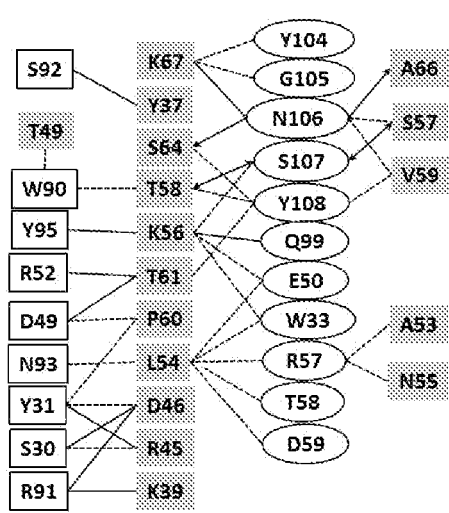
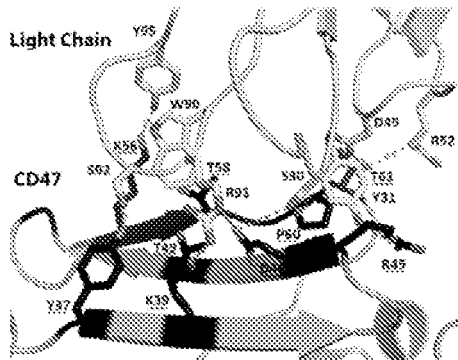


Figure 8C

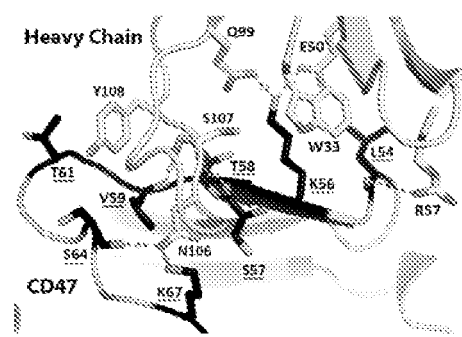


Figure 8D

Figure 9A

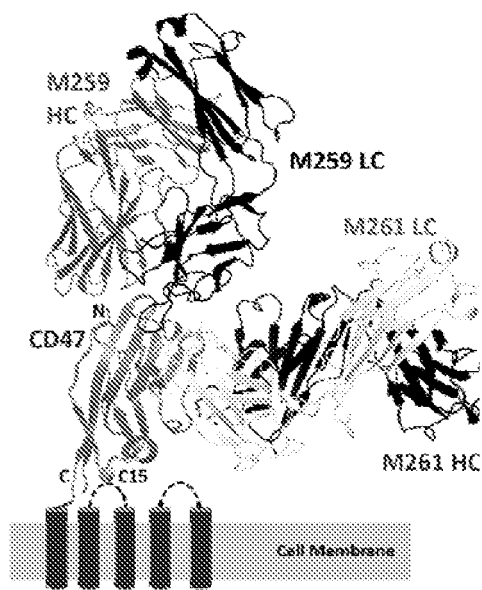


Figure 9B



Figure 10A

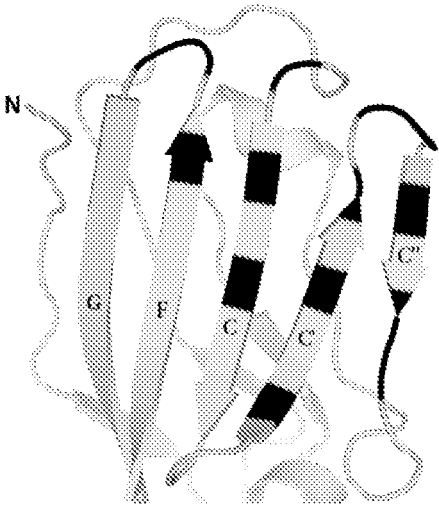


Figure 10B

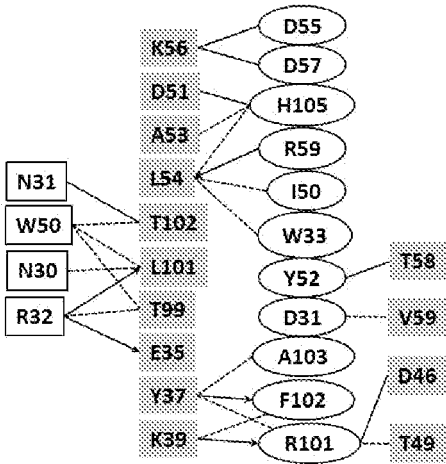
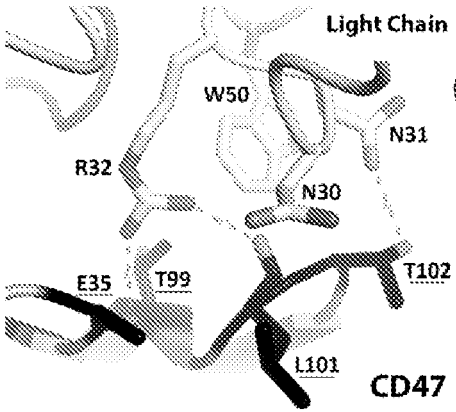


Figure 10C

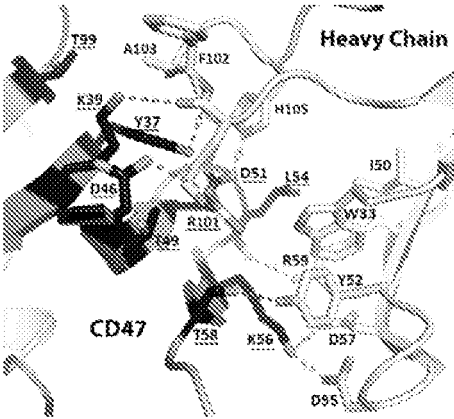


Figure 10D

Figure 11A

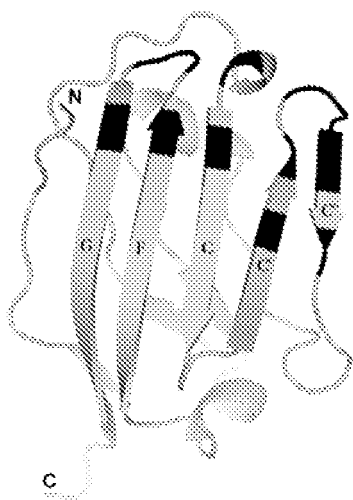


Figure 11B

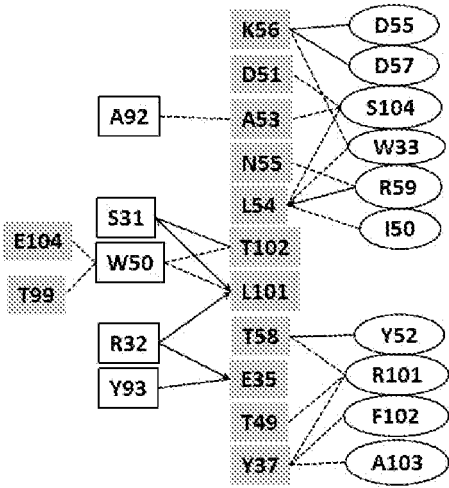
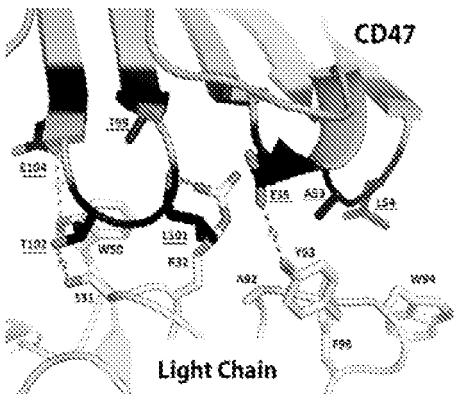


Figure 11C

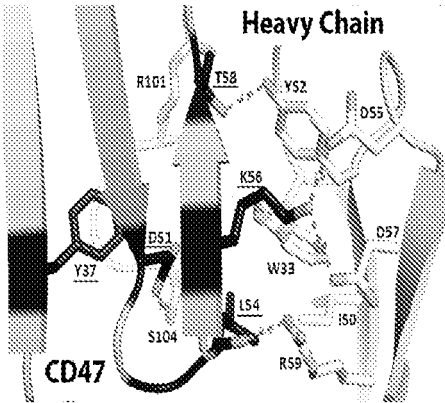


Figure 11D

Figure 12A

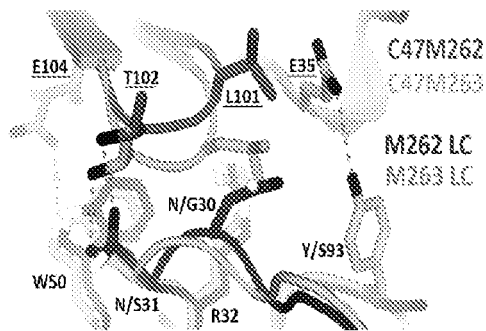


Figure 12B

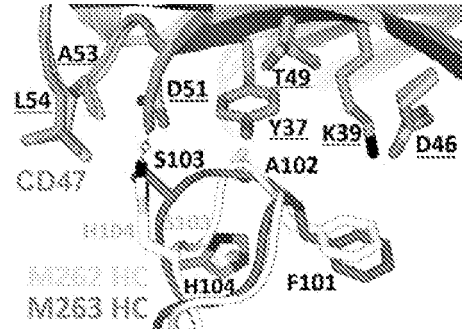


Figure 13A

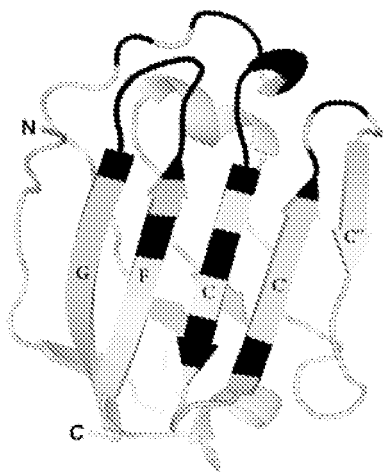


Figure 13B

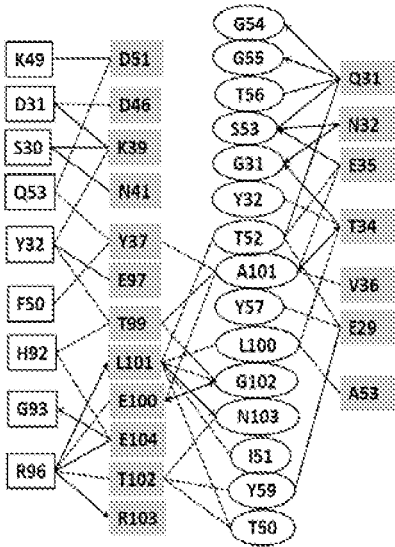
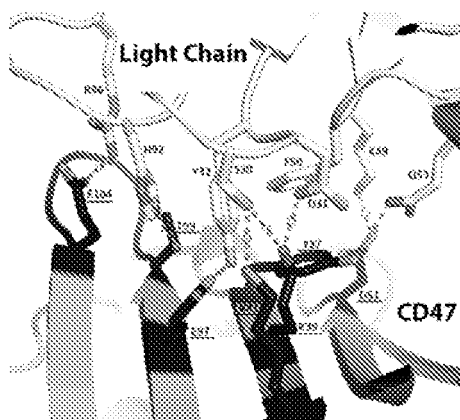


Figure 13C

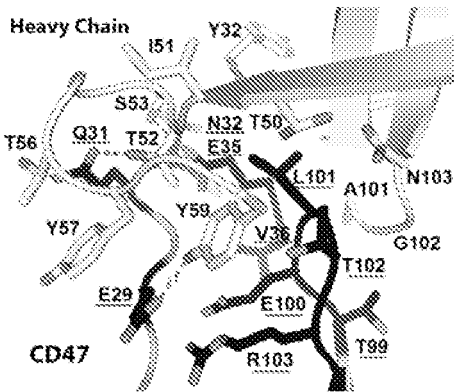


Figure 13D

Figure 14

Phagocytosis

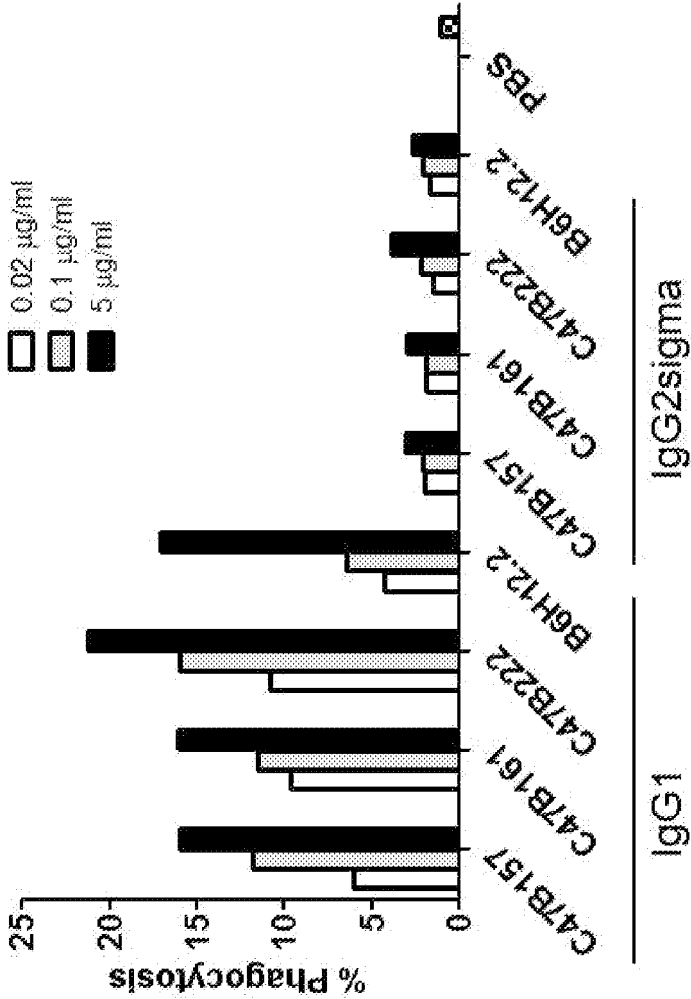


Figure 15B

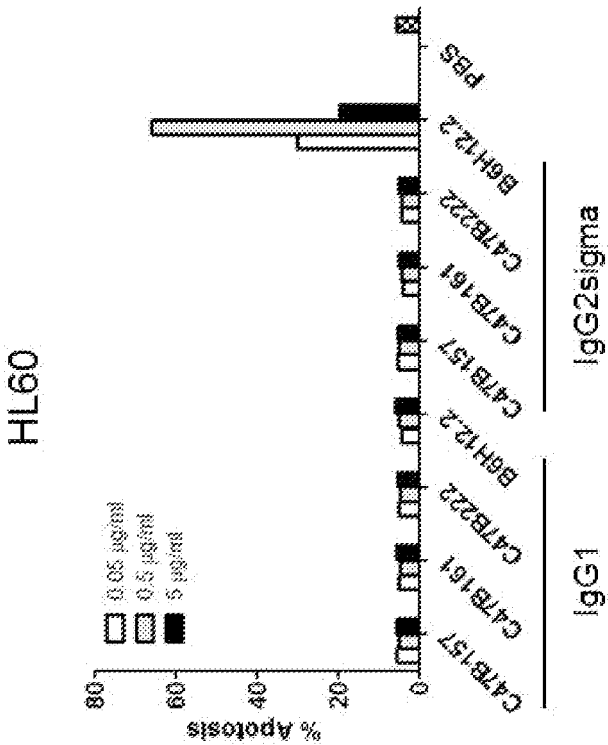
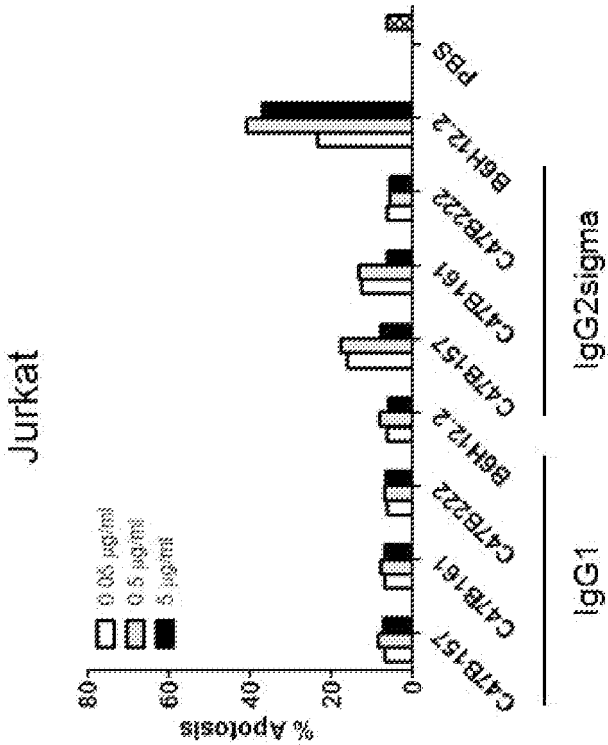


Figure 15A



Apoptosis

Figure 16B

C47B161 and C47B222

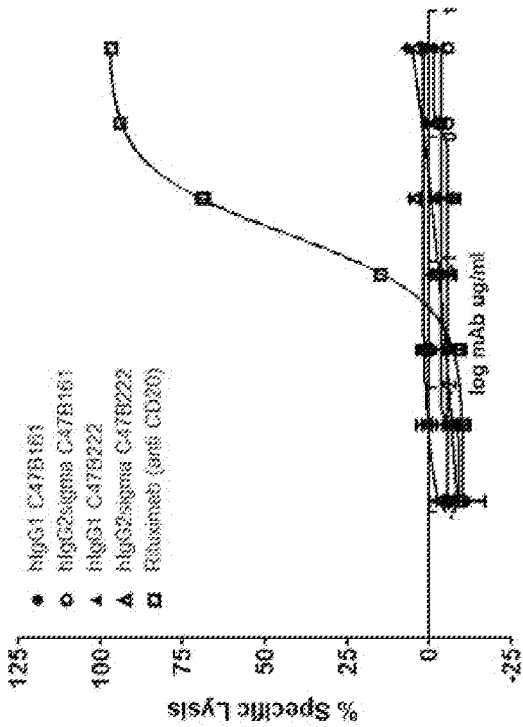
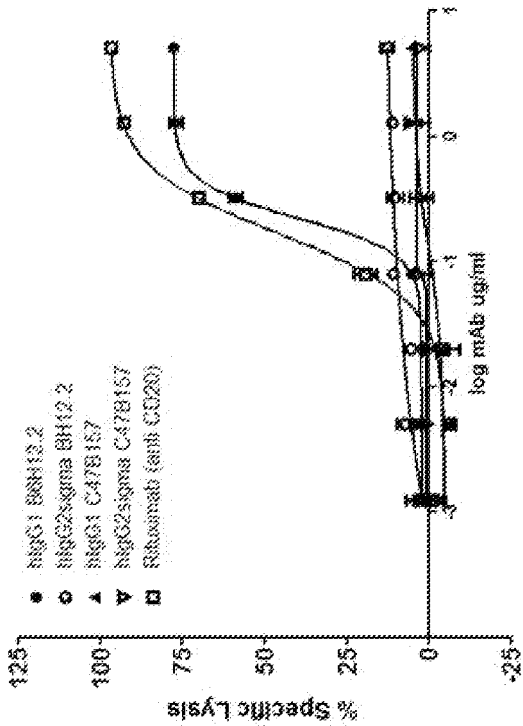


Figure 16A

B6H12.2 and C47B157



CDC

Platelet aggregation

Figure 17B

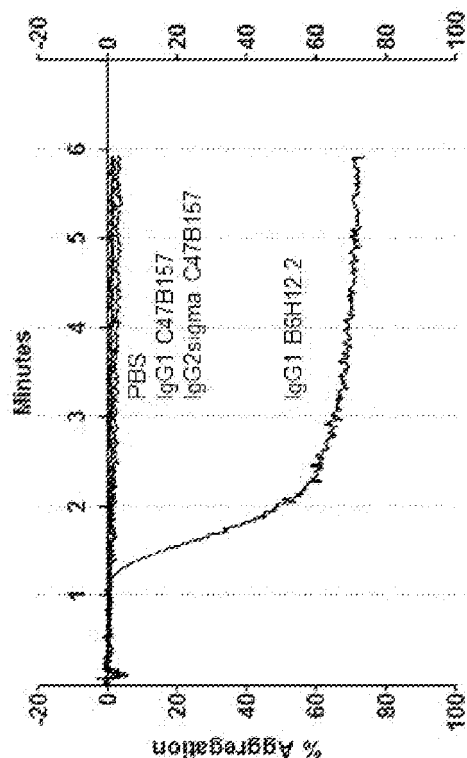


Figure 17D

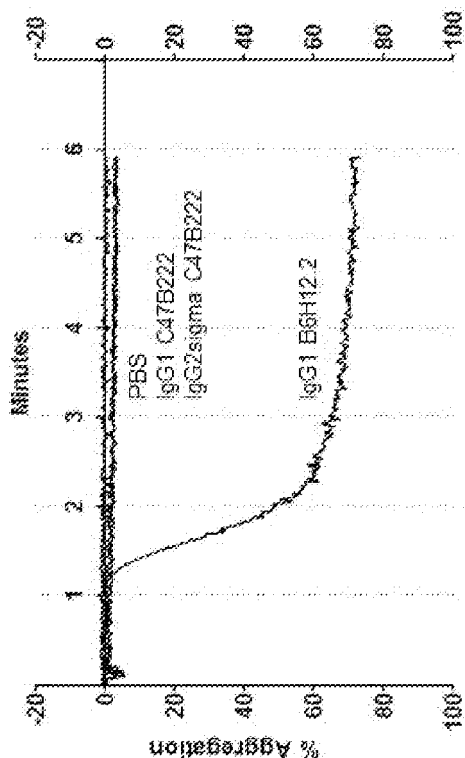


Figure 17A

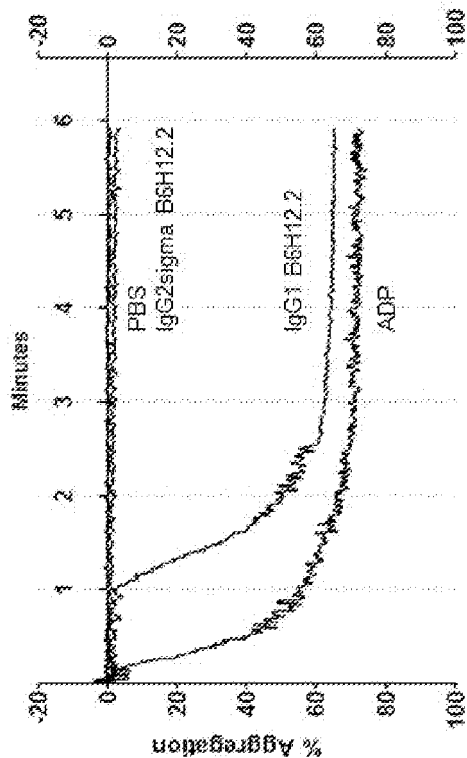
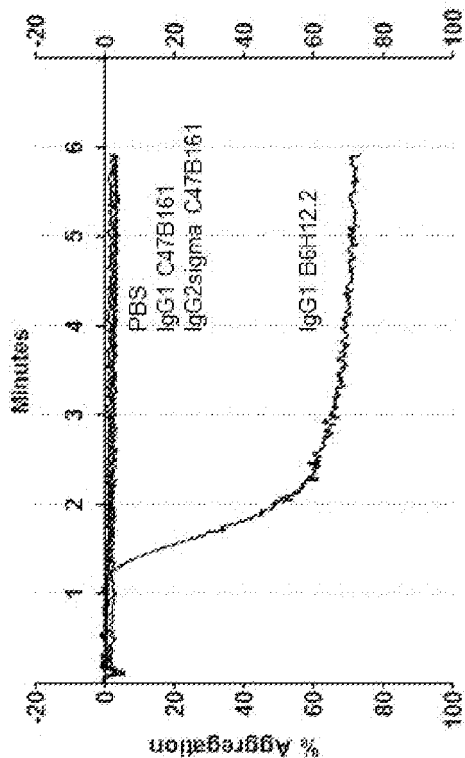


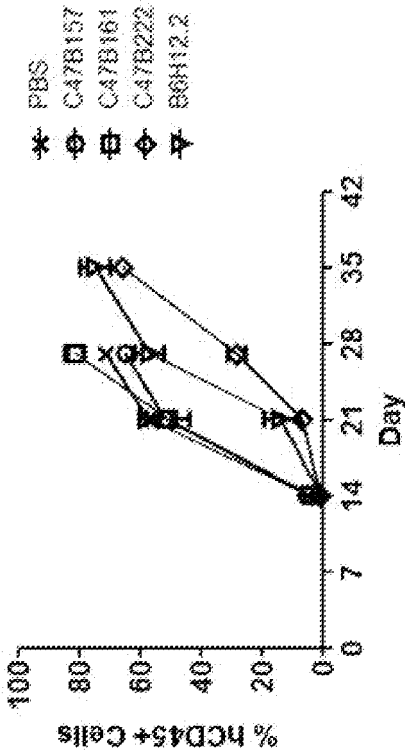
Figure 17C



In vivo HL60/NSG mice

Figure 18B

IgG2sigma - 0.2 mg/kg



IgG2sigma - 10 mg/kg

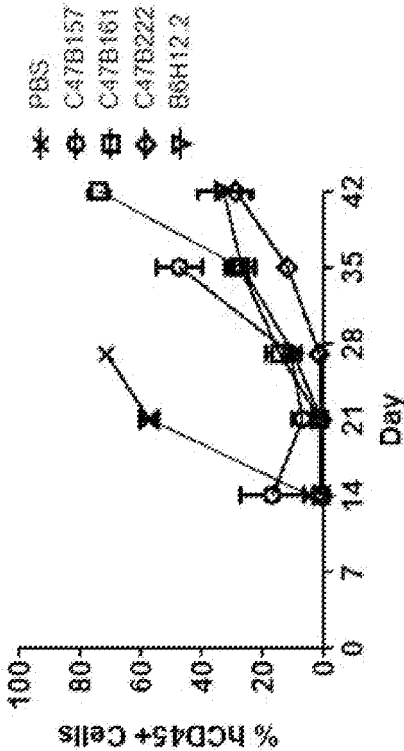
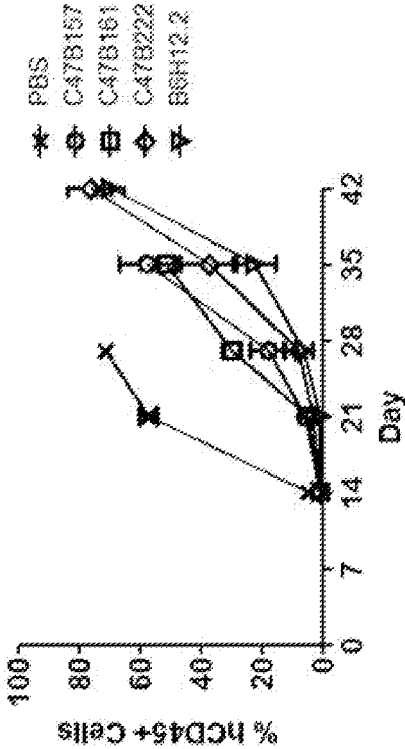


Figure 18D

Figure 18A

IgG1 - 0.2 mg/kg



IgG1 - 10 mg/kg

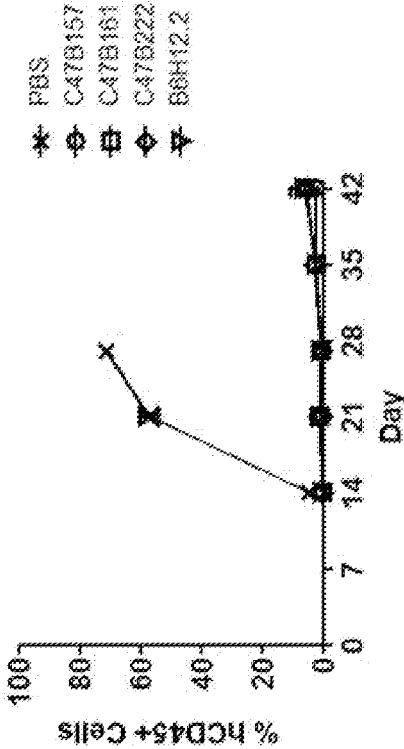


Figure 18C

In vivo MV4-11/NSG mice

Figure 19A

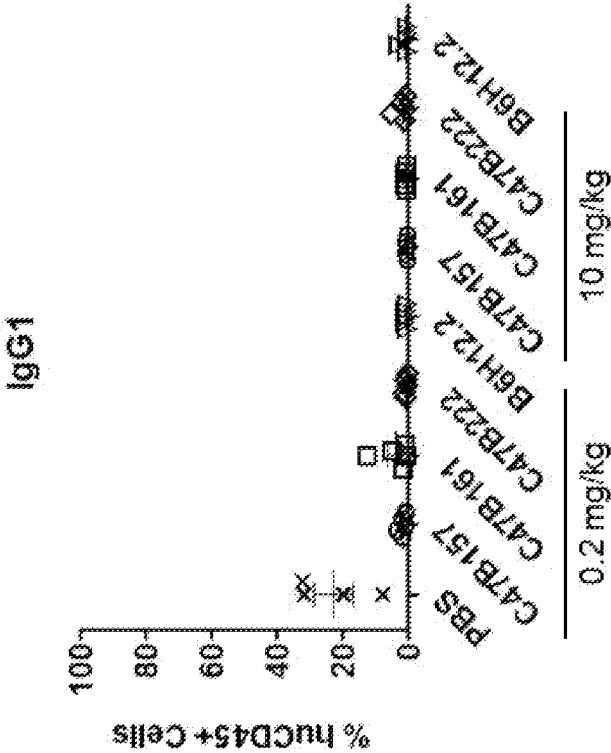


Figure 19B

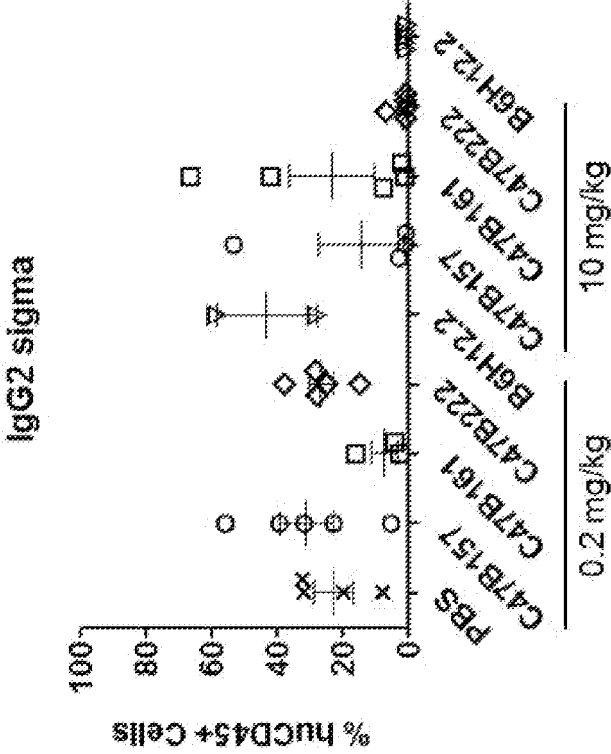


Figure 20A

IgG1 - 0.2 mg/kg

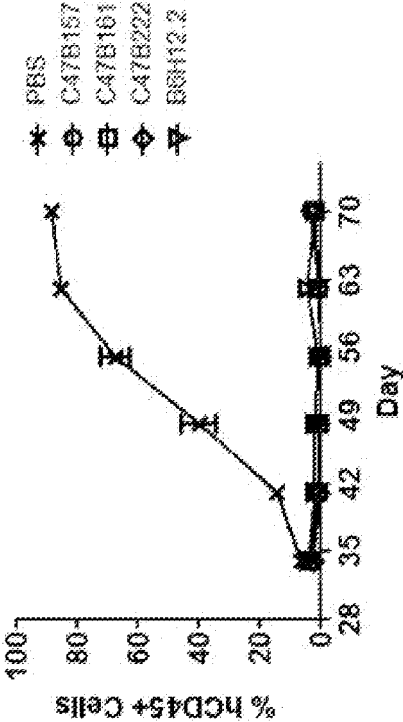
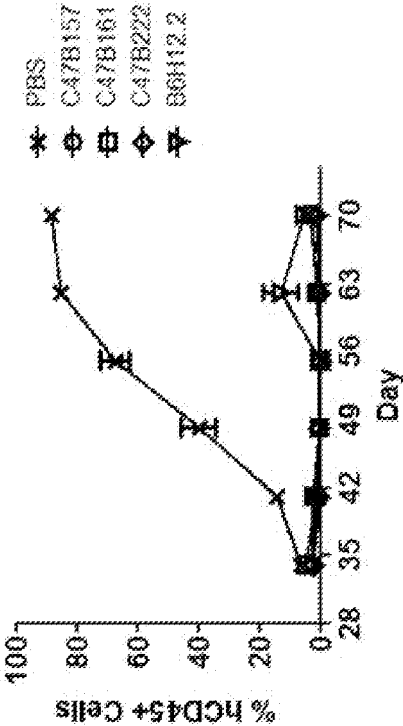


Figure 20B

IgG2sigma - 0.2 mg/kg



IgG1 - 10 mg/kg

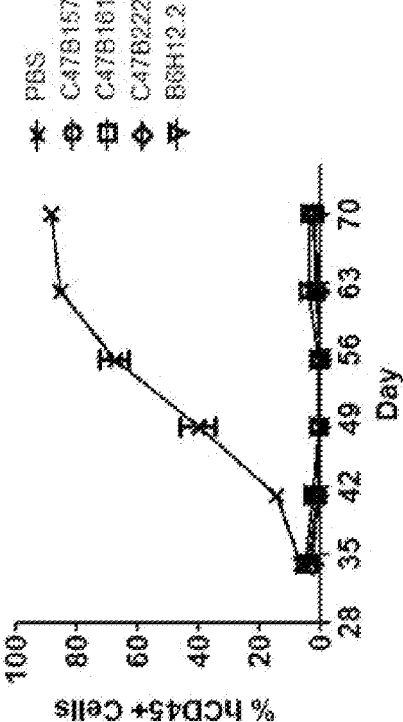


Figure 20C

IgG2sigma - 10 mg/kg

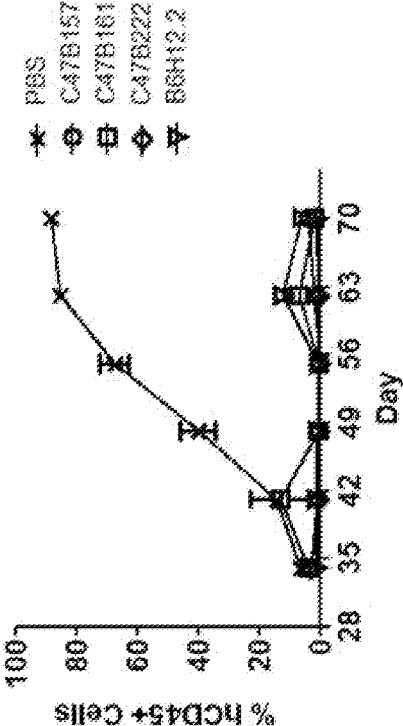


Figure 20D

In vivo Kasumi-3/NSG mice

Figure 21A

