FIG.1

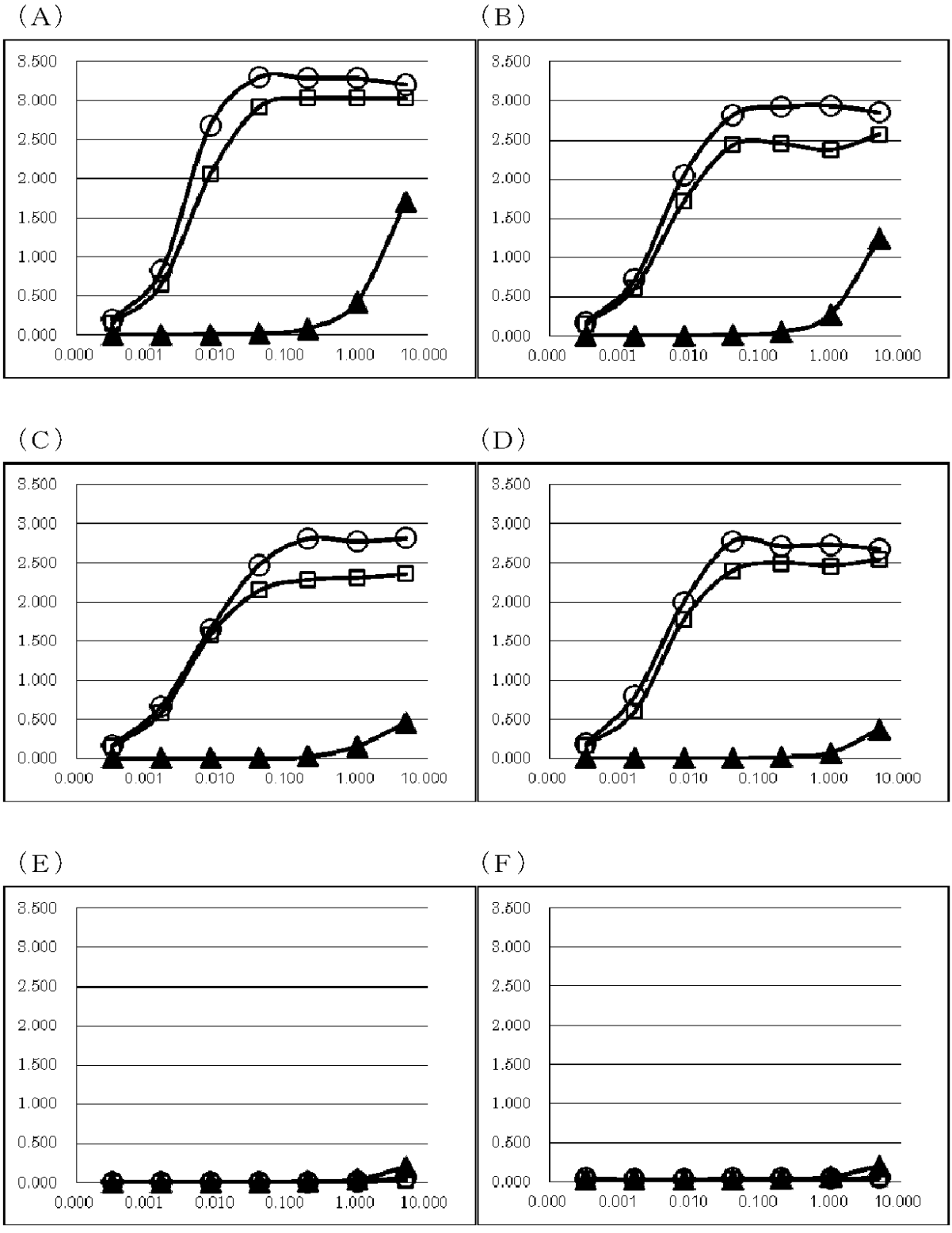

(A)
(B)
(C)
(D)
(E)
(F)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
0.000
0.001
0.010
0.100
1.000
10.000

FIG.2

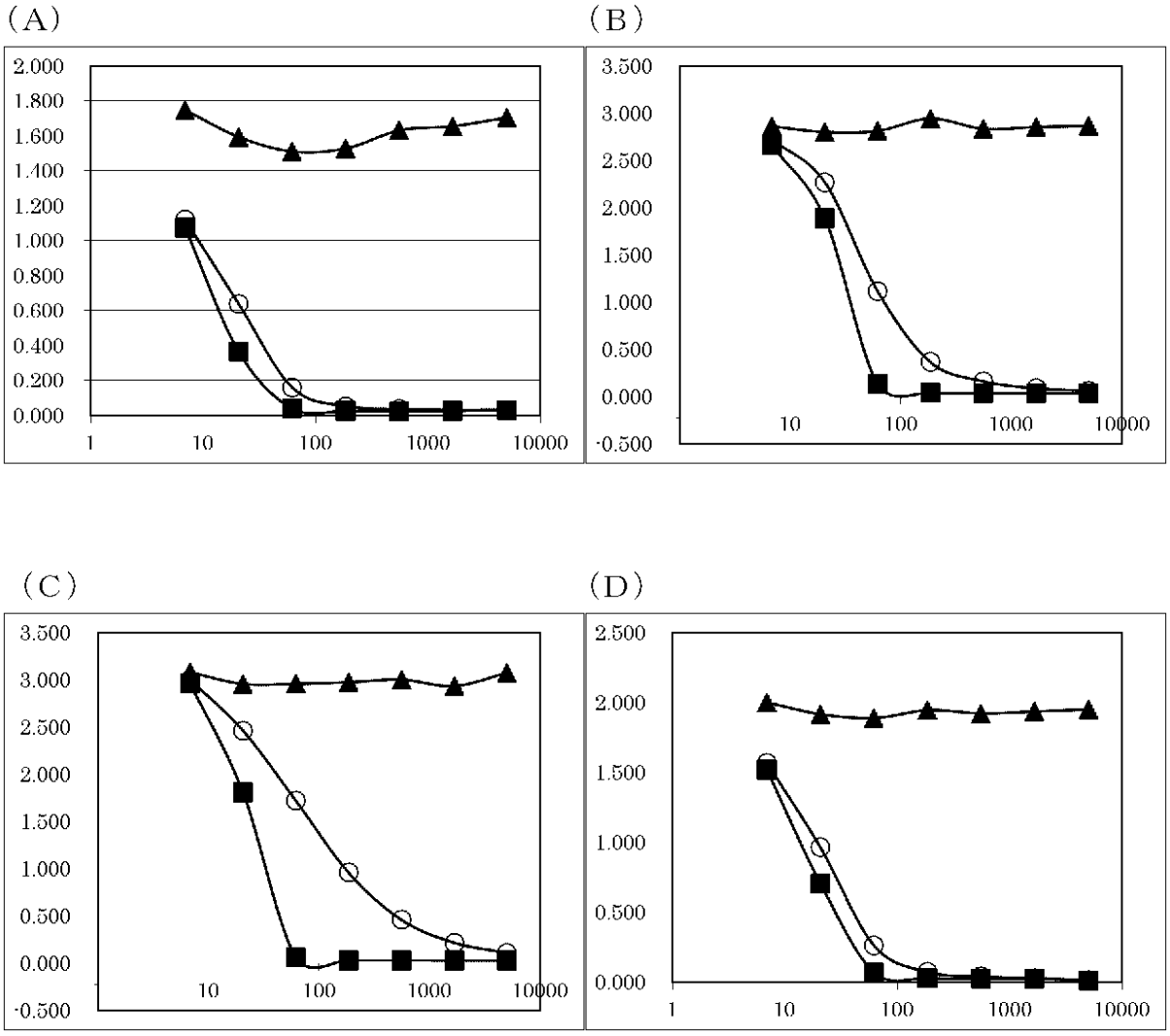

(A)
2.000
1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
1
10
100
1000
10000
(B)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
-0.500
10
100
1000
10000
(C)
3.500
3.000
2.500
2.000
1.500
1.000
0.500
0.000
-0.500
10
100
1000
10000
(D)
2.500
2.000
1.500
1.000
0.500
0.000
1
10
100
1000
10000

FIG.3

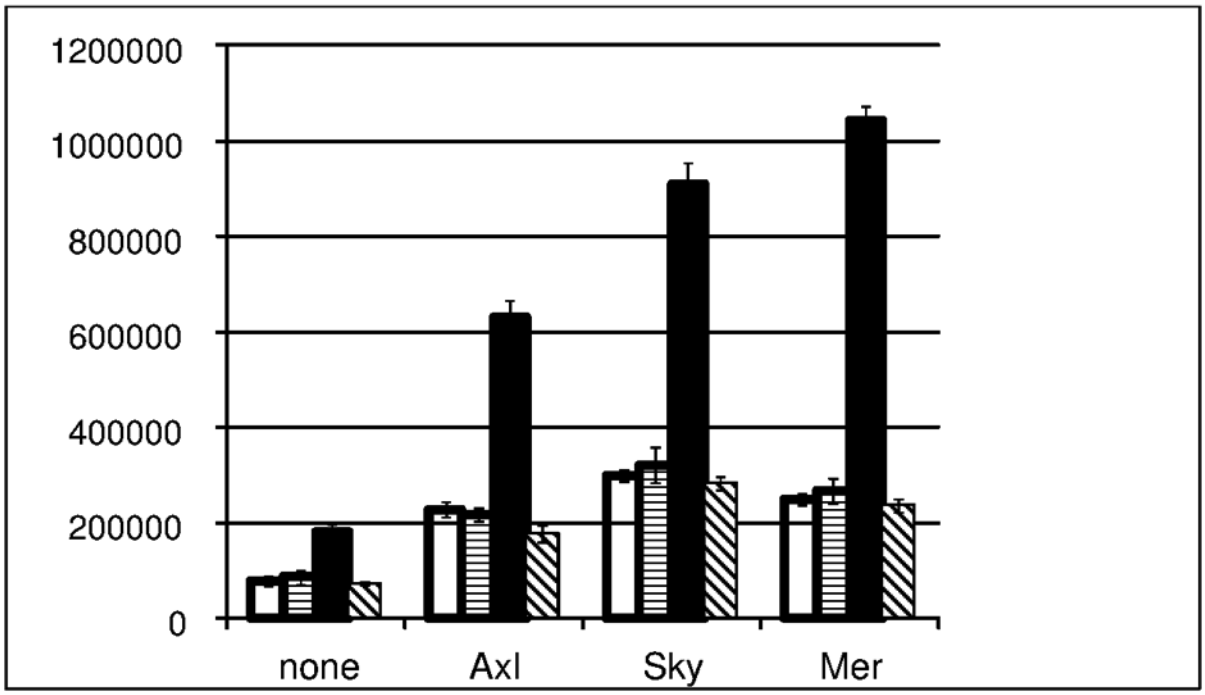

1200000
1000000
800000
600000
400000
200000
0
none
Axl
Sky
Mer

FIG.4

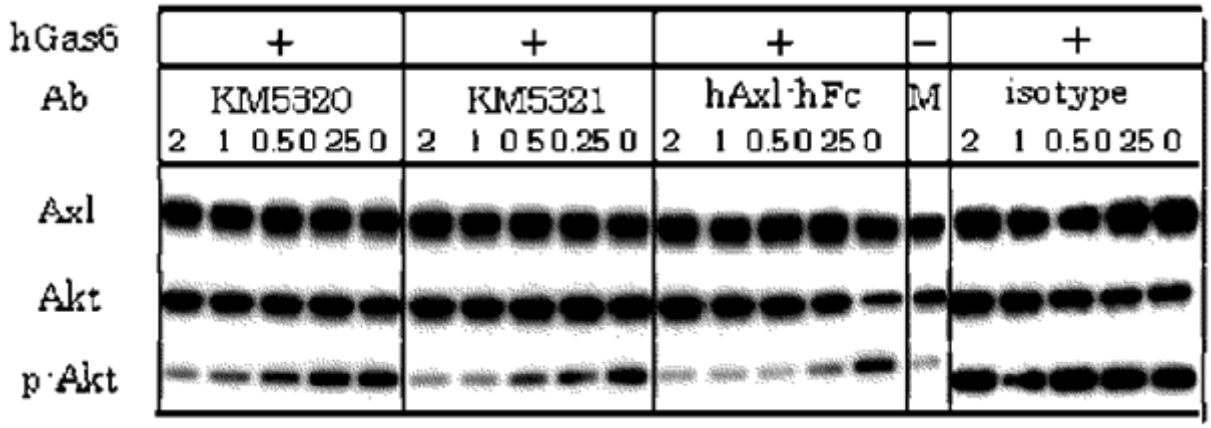

hGas6
+
+
+
−
+
Ab
KM5320
KM5321
hAxl-hFc
M
isotype
2 1 0.5 0.25 0
2 1 0.5 0.25 0
2 1 0.5 0.25 0
2 1 0.5 0.25 0
Axl
Akt
p-Akt

FIG.5

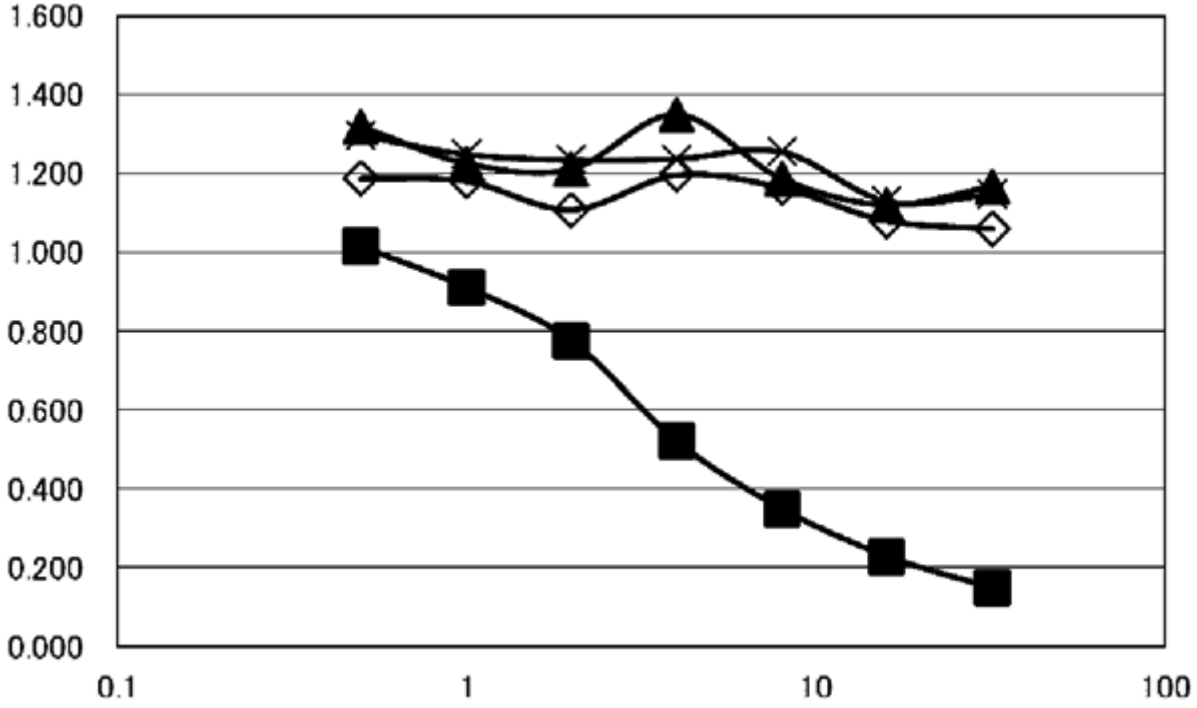

1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.000
0.1
1
10
100

FIG.6

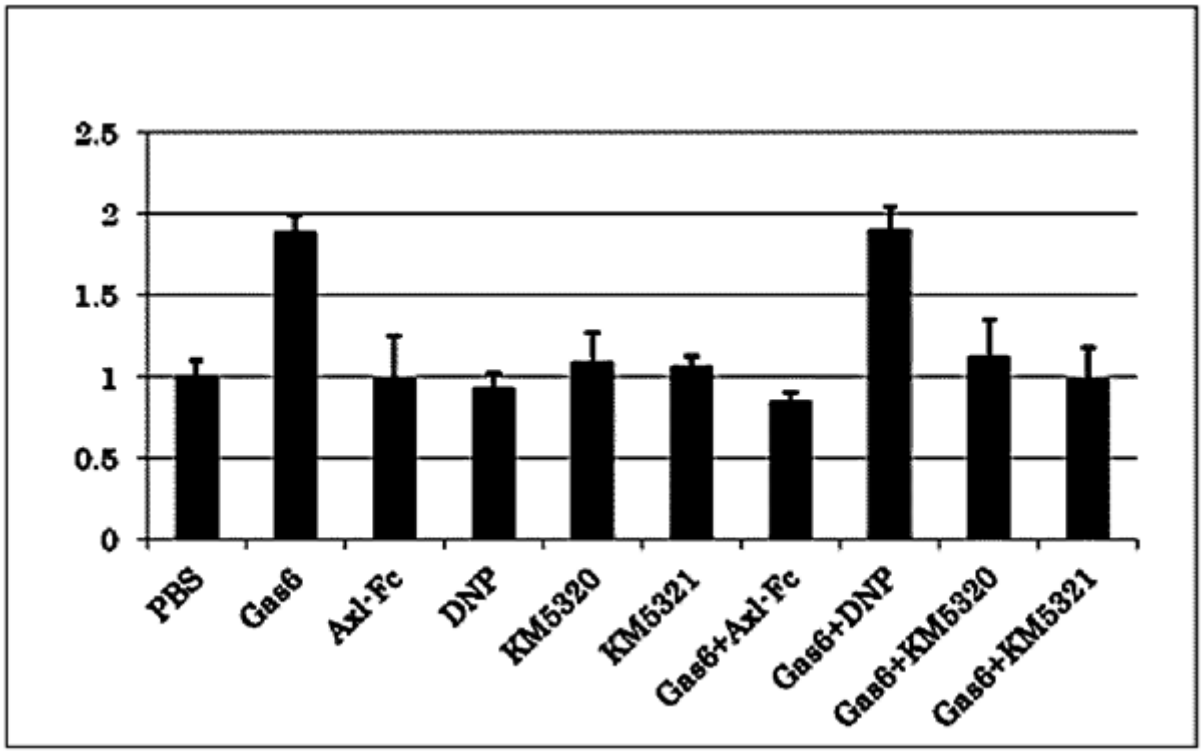

2.5
2
1.5
1
0.5
0
PBS
Gas6
Axl-Fc
DNP
KM5320
KM5321
Gas6+Axl-Fc
Gas6+DNP
Gas6+KM5320
Gas6+KM5321

FIG.7


KM5320 VL SIVMTQTPKFLLVSAGDRVTITC KASQSVSNDVA WYQQKPGQSPKVLIY YASNRYT
LV0 DVVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKLLIY
LV1a DVVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKLLIY
LV1b DVVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKLLIY
LV2a DVVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKLLIY
LV2b DVVMTQSPDSLAVSAGERVTINC WYQQKPGQSPKLLIY
LV3 DVVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKVLIY
LV5 DIVMTQSPDSLAVSLGERVTINC WYQQKPGQSPKVLIY
LV6 DIVMTQSPDSLAVSAGERVTINC WYQQKPGQSPKVLIY
CDR L1
CDR L2
KM5320 VL GVPDRFTGSGYGTDFTFTISTVQAEDLAVYFC QQDYSSPWT FGGGTKLEIK
LV0 GVPDRFSGSGSGTDFTLTISSLQAEDVAVYYC FGQGTKLEIK
LV1a GVPDRFSGSGSGTDFTLTISSLQAEDVAVYFC FGQGTKLEIK
LV1b GVPDRFSGSGSGTDFTLTISSVQAEDVAVYYC FGQGTKLEIK
LV2a GVPDRFSGSGSGTDFTLTISSVQAEDVAVYFC FGQGTKLEIK
LV2b GVPDRFSGSGSGTDFTFTISSLQAEDVAVYYC FGQGTKLEIK
LV3 GVPDRFSGSGSGTDFTFTISSLQAEDVAVYFC FGQGTKLEIK
LV5 GVPDRFSGSGSGTDFTFTISSVQAEDVAVYFC FGQGTKLEIK
LV6 GVPDRFSGSGSGTDFTFTISSVQAEDVAVYFC FGQGTKLEIK
CDR L3

FIG.8

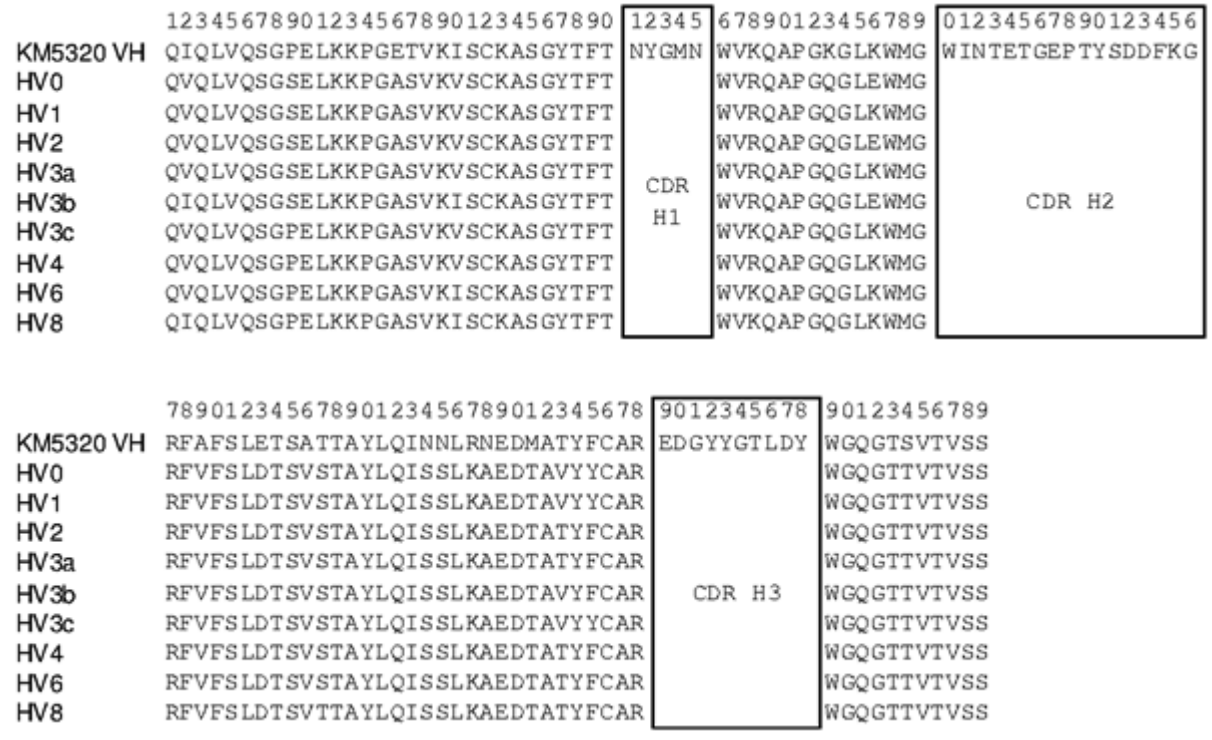

KM5320 VH QIQLVQSGPELKKPGETVKISCKASGYTFT NYGMN WVKQAPGKGLKWMG WINTETGEPTYSDDFKG
HV0 QVQLVQSGSELKKPGASVKVSCKASGYTFT WVRQAPGQGLEWMG
HV1 QVQLVQSGSELKKPGASVKVSCKASGYTFT WVRQAPGQGLKWMG
HV2 QVQLVQSGSELKKPGASVKVSCKASGYTFT WVRQAPGQGLEWMG
HV3a QVQLVQSGSELKKPGASVKVSCKASGYTFT WVRQAPGQGLKWMG
HV3b QIQLVQSGSELKKPGASVKISCKASGYTFT WVRQAPGQGLEWMG
HV3c QVQLVQSGPELKKPGASVKVSCKASGYTFT WVKQAPGQGLKWMG
HV4 QVQLVQSGPELKKPGASVKVSCKASGYTFT WVRQAPGQGLKWMG
HV6 QVQLVQSGPELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
HV8 QIQLVQSGPELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
CDR H1
CDR H2
KM5320 VH RFAFSLETSATTAYLQINNLRNEDMATYFCAR EDGYYGTLDY WGQGTSVTVSS
HV0 RFVFSLDTSVSTAYLQISSLKAEDTAVYYCAR WGQGTTVTVSS
HV1 RFVFSLDTSVSTAYLQISSLKAEDTAVYYCAR WGQGTTVTVSS
HV2 RFVFSLDTSVSTAYLQISSLKAEDTATYFCAR WGQGTTVTVSS
HV3a RFVFSLDTSVSTAYLQISSLKAEDTATYFCAR WGQGTTVTVSS
HV3b RFVFSLDTSVSTAYLQISSLKAEDTAVYFCAR WGQGTTVTVSS
HV3c RFVFSLDTSVSTAYLQISSLKAEDTAVYYCAR WGQGTTVTVSS
HV4 RFVFSLDTSVSTAYLQISSLKAEDTATYFCAR WGQGTTVTVSS
HV6 RFVFSLDTSVSTAYLQISSLKAEDTATYFCAR WGQGTTVTVSS
HV8 RFVFSLDTSVTTAYLQISSLKAEDTATYFCAR WGQGTTVTVSS
CDR H3

FIG.9

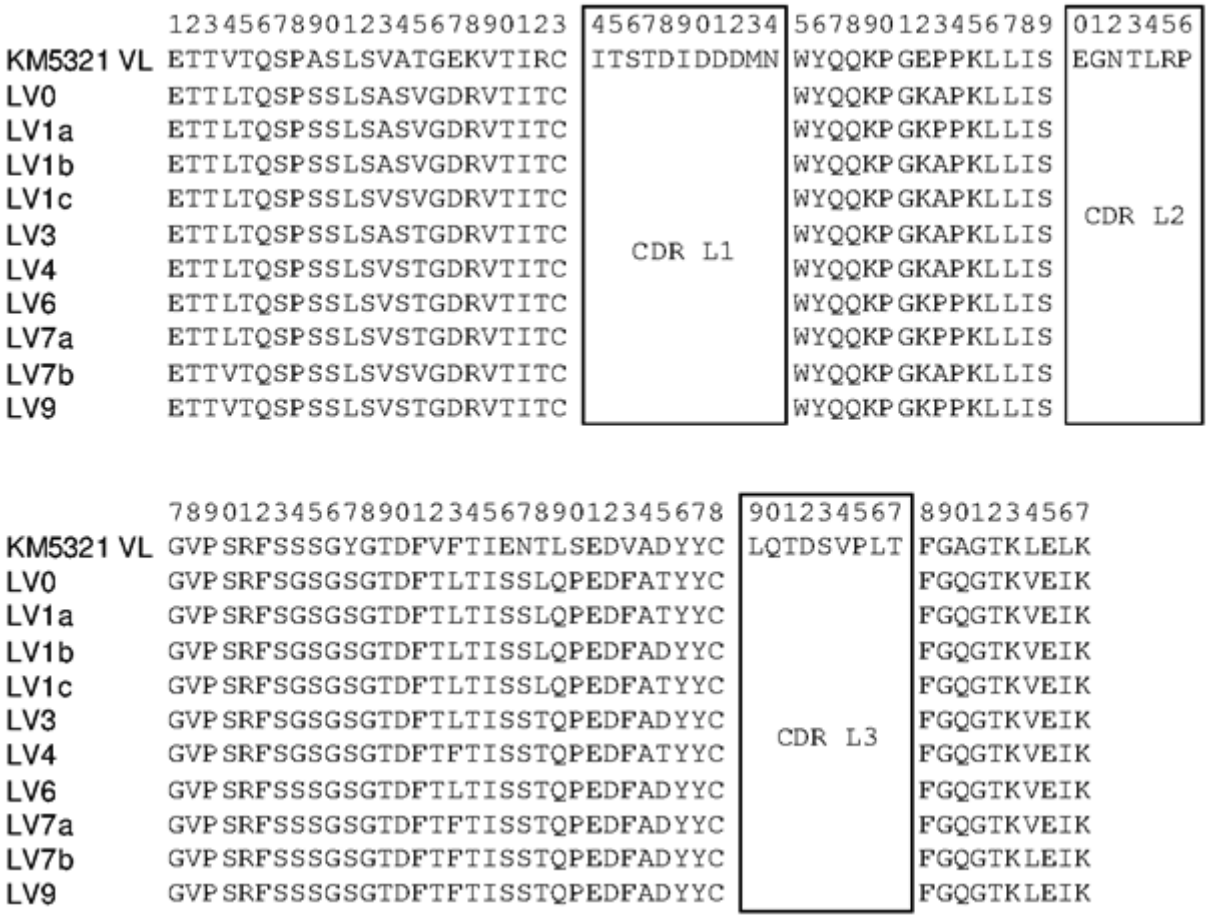
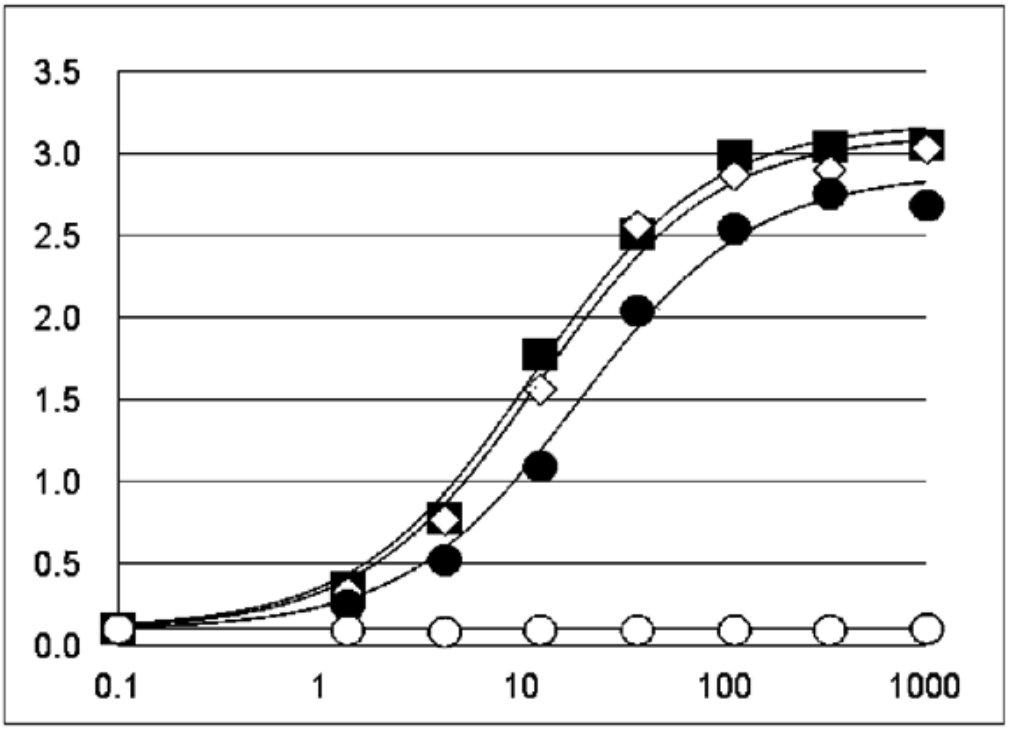

12345678901234567890123 45678901234 567890123456789 0123456
KM5321 VL ETTVTQSPASLSVATGEKVTIRC ITSTDIDDDMN WYQQKPGEPPKLLIS EGNTLRP
LV0 ETTLTQSPSSLSASVGDRVTITC WYQQKPGKAPKLLIS
LV1a ETTLTQSPSSLSASVGDRVTITC WYQQKPGKPPKLLIS
LV1b ETTLTQSPSSLSASVGDRVTITC WYQQKPGKAPKLLIS
LV1c ETTLTQSPSSLSVSVGDRVTITC WYQQKPGKAPKLLIS
LV3 ETTLTQSPSSLSASTGDRVTITC WYQQKPGKAPKLLIS
LV4 ETTLTQSPSSLSVSTGDRVTITC WYQQKPGKAPKLLIS
LV6 ETTLTQSPSSLSVSTGDRVTITC WYQQKPGKPPKLLIS
LV7a ETTLTQSPSSLSVSTGDRVTITC WYQQKPGKPPKLLIS
LV7b ETTVTQSPSSLSVSVGDRVTITC WYQQKPGKAPKLLIS
LV9 ETTVTQSPSSLSVSTGDRVTITC WYQQKPGKPPKLLIS
CDR L1
CDR L2
7890123456789012345678901234567 901234567 8901234567
KM5321 VL GVPSRFSSSGYGTDFVFTIENTLSEDVADYYC LQTDSVPLT FGAGTKLELK
LV0 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYC FGQGTKVEIK
LV1a GVPSRFSGSGSGTDFTLTISSLQPEDFATYYC FGQGTKVEIK
LV1b GVPSRFSGSGSGTDFTLTISSLQPEDFADYYC FGQGTKVEIK
LV1c GVPSRFSGSGSGTDFTLTISSLQPEDFATYYC FGQGTKVEIK
LV3 GVPSRFSGSGSGTDFTLTISSTQPEDFADYYC FGQGTKVEIK
LV4 GVPSRFSGSGSGTDFTFTISSTQPEDFATYYC FGQGTKVEIK
LV6 GVPSRFSSSGSGTDFTLTISSTQPEDFADYYC FGQGTKVEIK
LV7a GVPSRFSSSGSGTDFTFTISSTQPEDFADYYC FGQGTKVEIK
LV7b GVPSRFSSSGSGTDFTFTISSTQPEDFADYYC FGQGTKLEIK
LV9 GVPSRFSSSGSGTDFTFTISSTQPEDFADYYC FGQGTKLEIK
CDR L3

FIG.10


1234567890123456789012345678901234567890 12345 67890123456789 01234567890123456
KM5321 VH QIQLVQSGPELKKPGETVKISCRASGYTFT NYGMN WVKQAPGKGLKWMG WINTNTGEPTYTEEFKG
HV0 QVHLVQSGSELKKPGASVKISCKASGYTFT WVRQAPGQGLEWMG
HV1 QVHLVQSGSELKKPGASVKISCKASGYTFT WVRQAPGQGLKWMG
HV2a QVHLVQSGSELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
HV2b QVHLVQSGPELKKPGASVKISCKASGYTFT WVRQAPGQGLEWMG
HV3a QVHLVQSGPELKKPGASVKISCKASGYTFT CDR WVRQAPGQGLKWMG
HV3b QVHLVQSGSELKKPGASVKISCKASGYTFT H1 WVKQAPGQGLKWMG CDR H2
HV4a QIHLVQSGPELKKPGASVKISCKASGYTFT WVRQAPGQGLEWMG
HV4b QVHLVQSGPELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
HV5 QIHLVQSGSELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
HV7 QIHLVQSGPELKKPGASVKISCKASGYTFT WVKQAPGQGLKWMG
7890123456789012345678901234567890123456 9012345 67890123456
KM5321 VH RFAFSLETSATTAYLQINDLKNEDTATYFCAR DEGWFVY WGQGTLITVSA
HV0 RFVFSLDTSVTTSYLQISTLKAEDTAVYFCAR WGQGTLVTVSS
HV1 RFVFSLDTSVTTSYLQISTLKAEDTAVYFCAR WGQGTLVTVSS
HV2a RFVFSLDTSVTTSYLQISTLKAEDTAVYFCAR WGQGTLVTVSS
HV2b RFVFSLDTSVTTSYLQISTLKAEDTATYFCAR WGQGTLVTVSS
HV3a RFVFSLDTSVTTSYLQISTLKAEDTATYFCAR WGQGTLVTVSS
HV3b RFVFSLDTSVTTSYLQISTLKAEDTATYFCAR CDR H3 WGQGTLVTVSS
HV4a RFVFSLDTSVTTAYLQISTLKAEDTAVYFCAR WGQGTLITVSS
HV4b RFVFSLDTSVTTSYLQISTLKAEDTATYFCAR WGQGTLVTVSS
HV5 RFVFSLDTSVTTAYLQISTLKAEDTAVYFCAR WGQGTLITVSS
HV7 RFVFSLDTSVTTAYLQISTLKAEDTATYFCAR WGQGTLITVSS

FIG.11

(A)


3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.1
1
10
100
1000

(B)

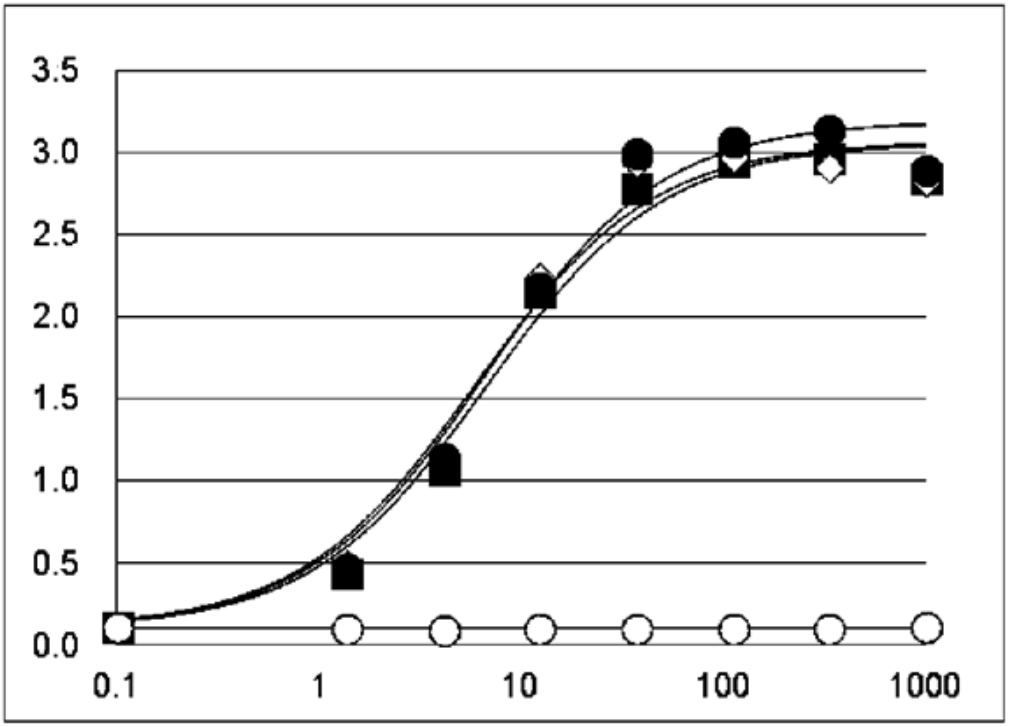
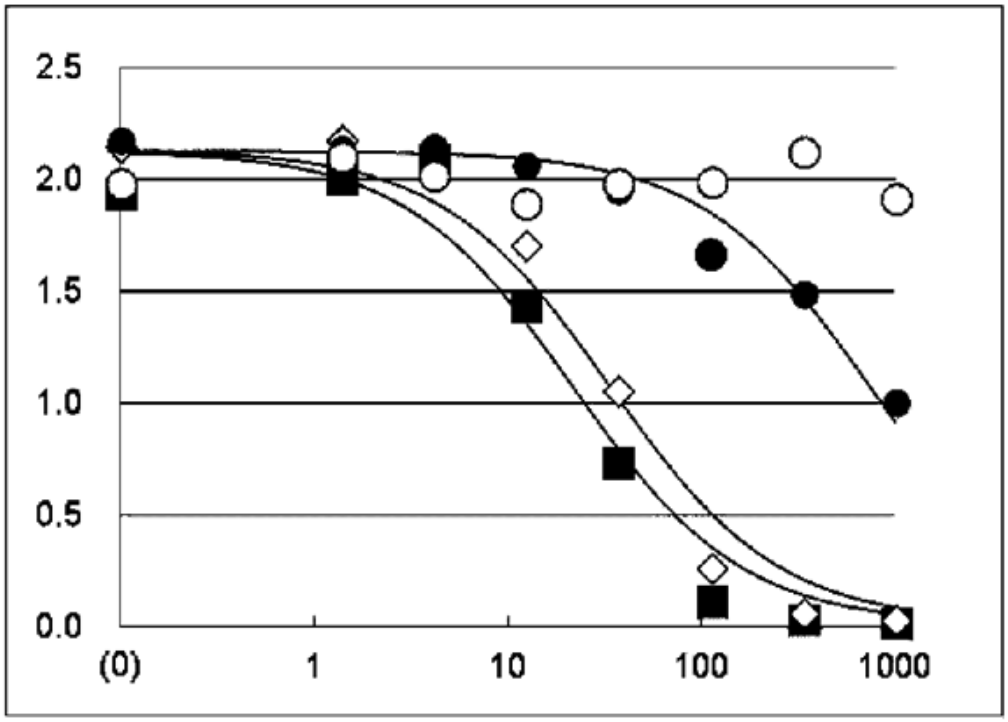

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.1
1
10
100
1000

FIG.12

(A)



(B)

