

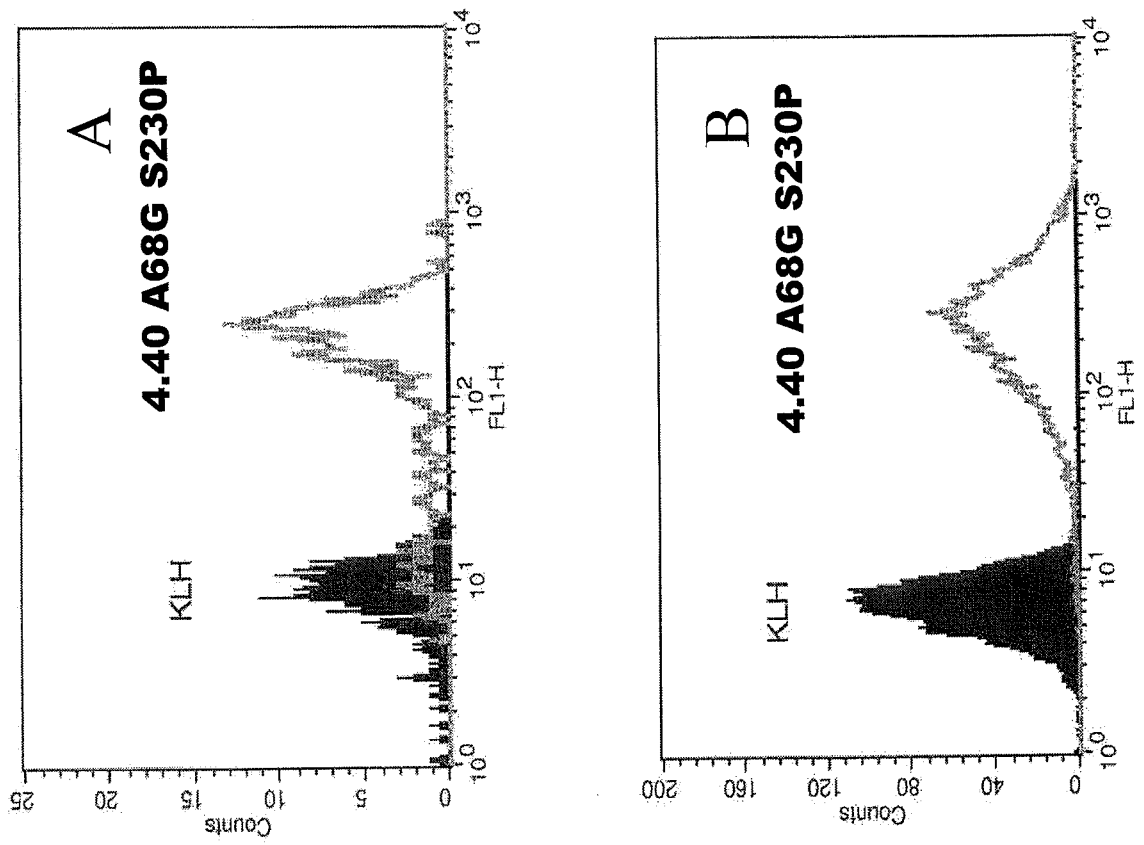


Figure 1

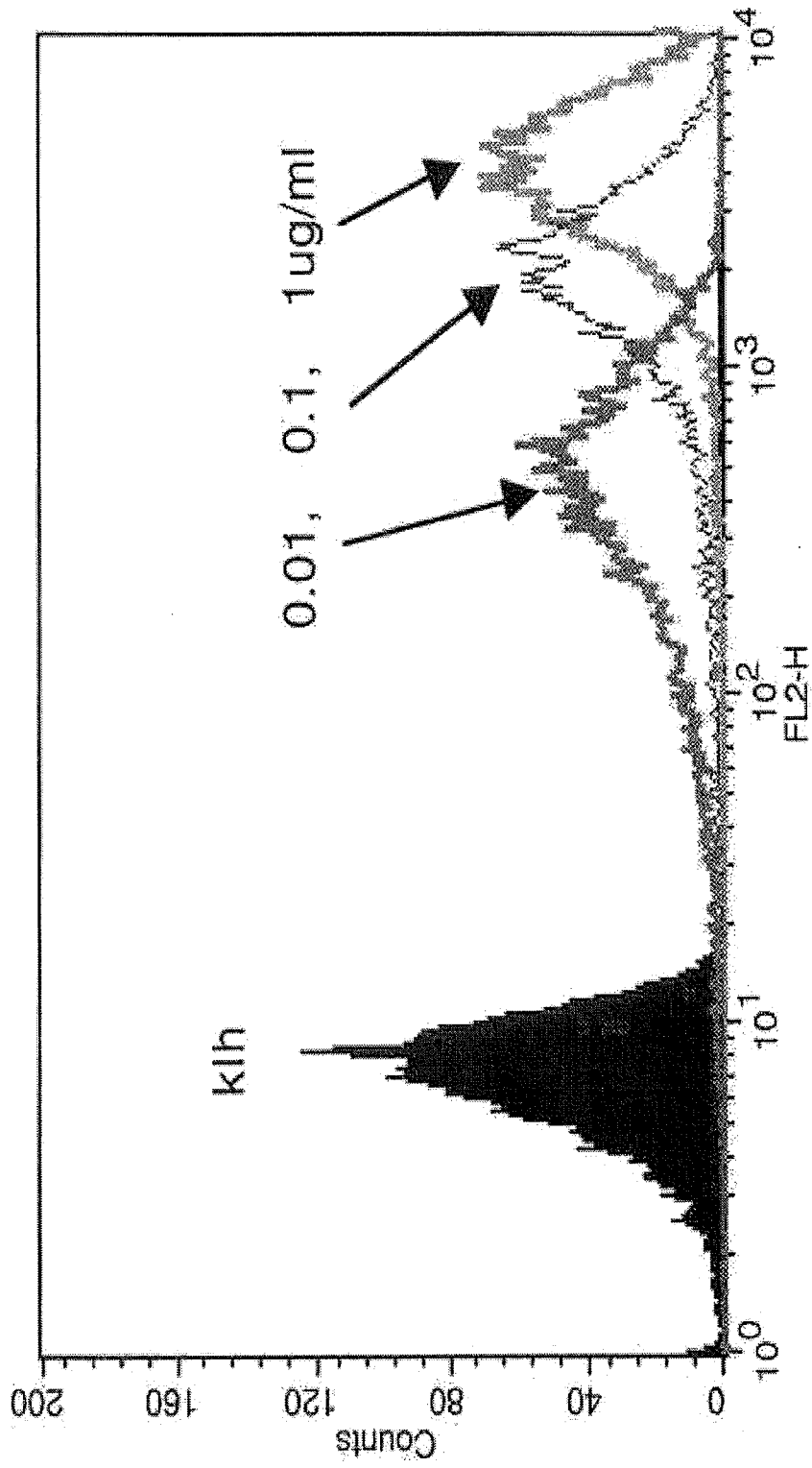


Figure 1C

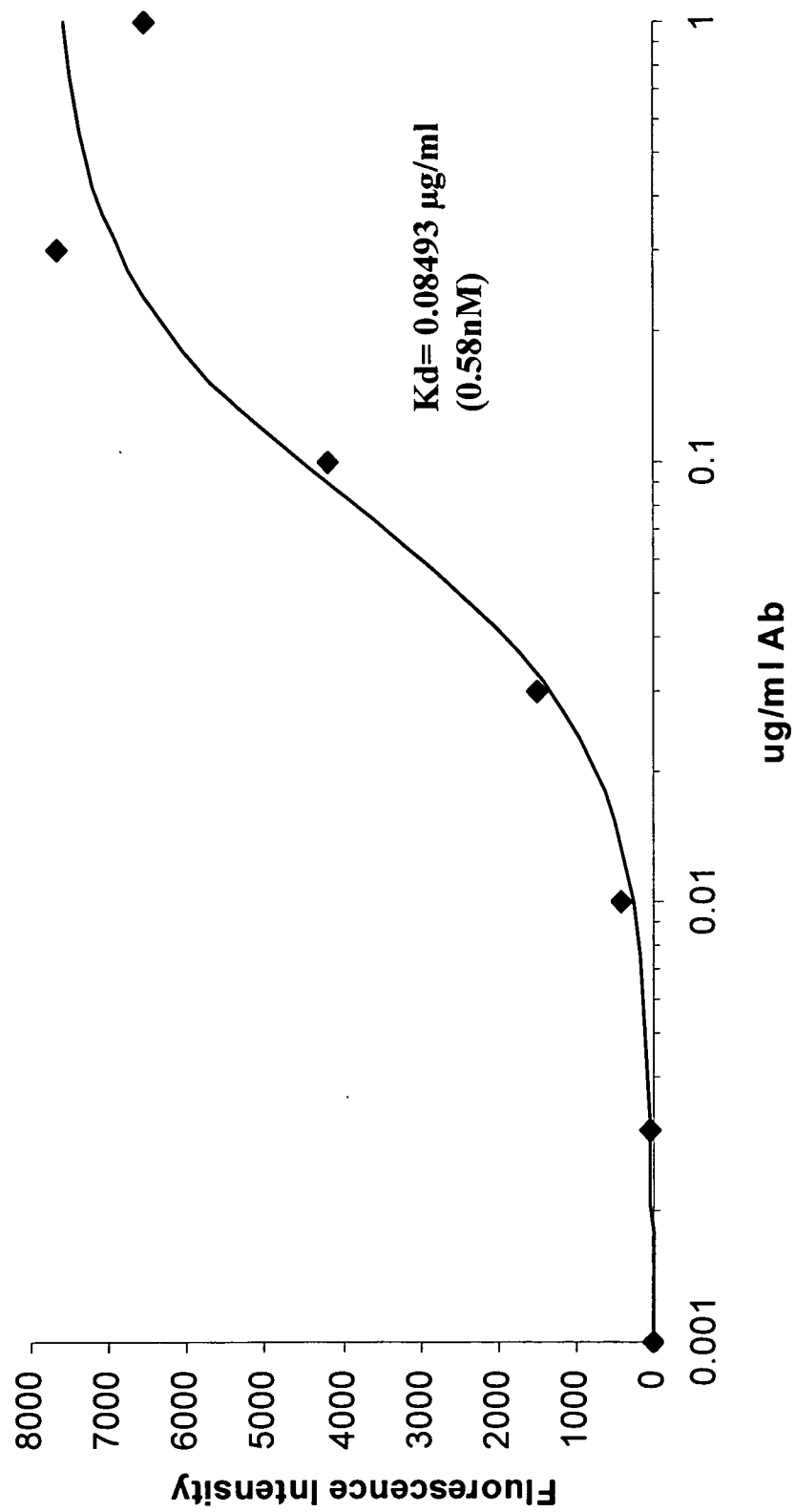


Figure 2

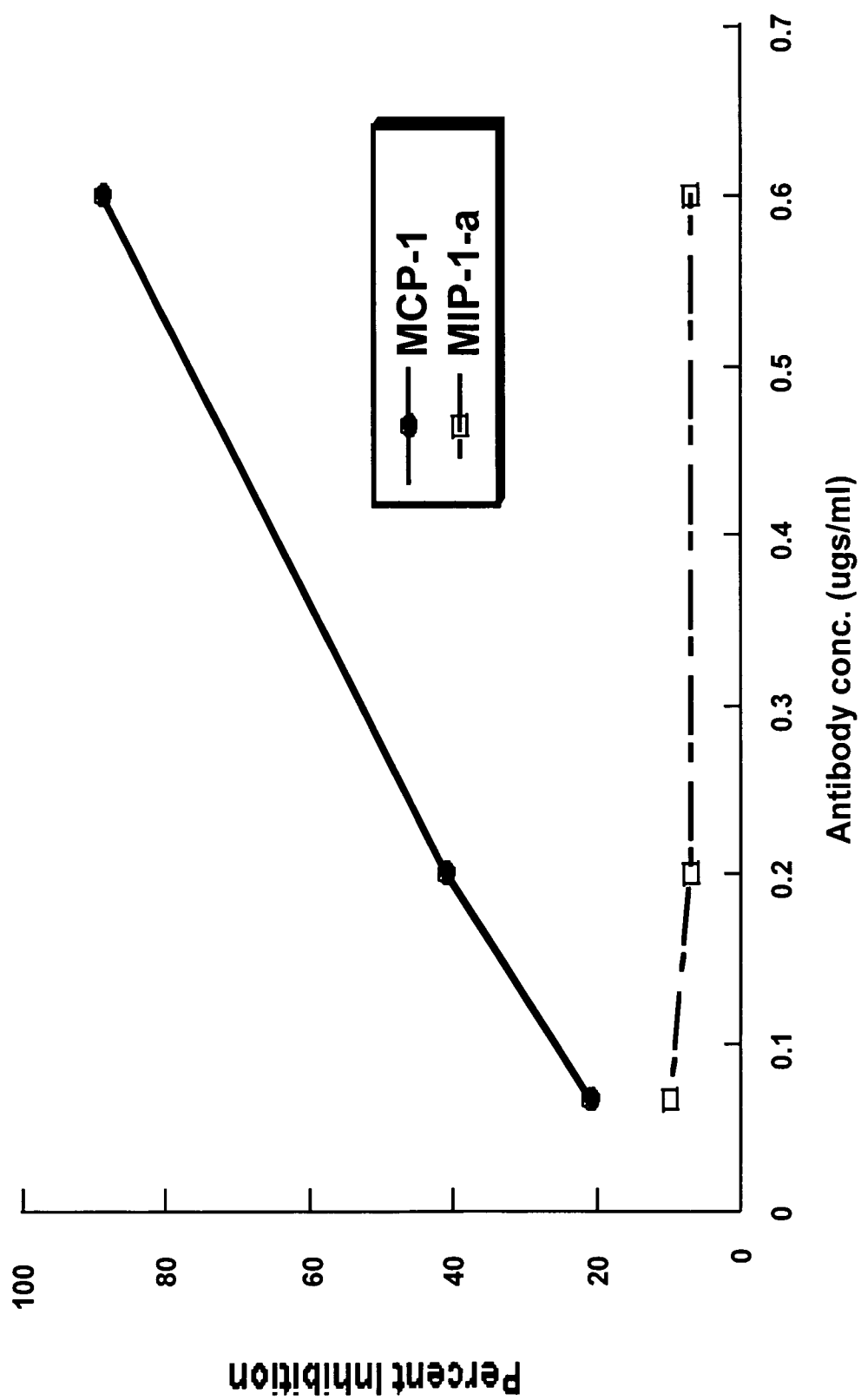


Figure 3

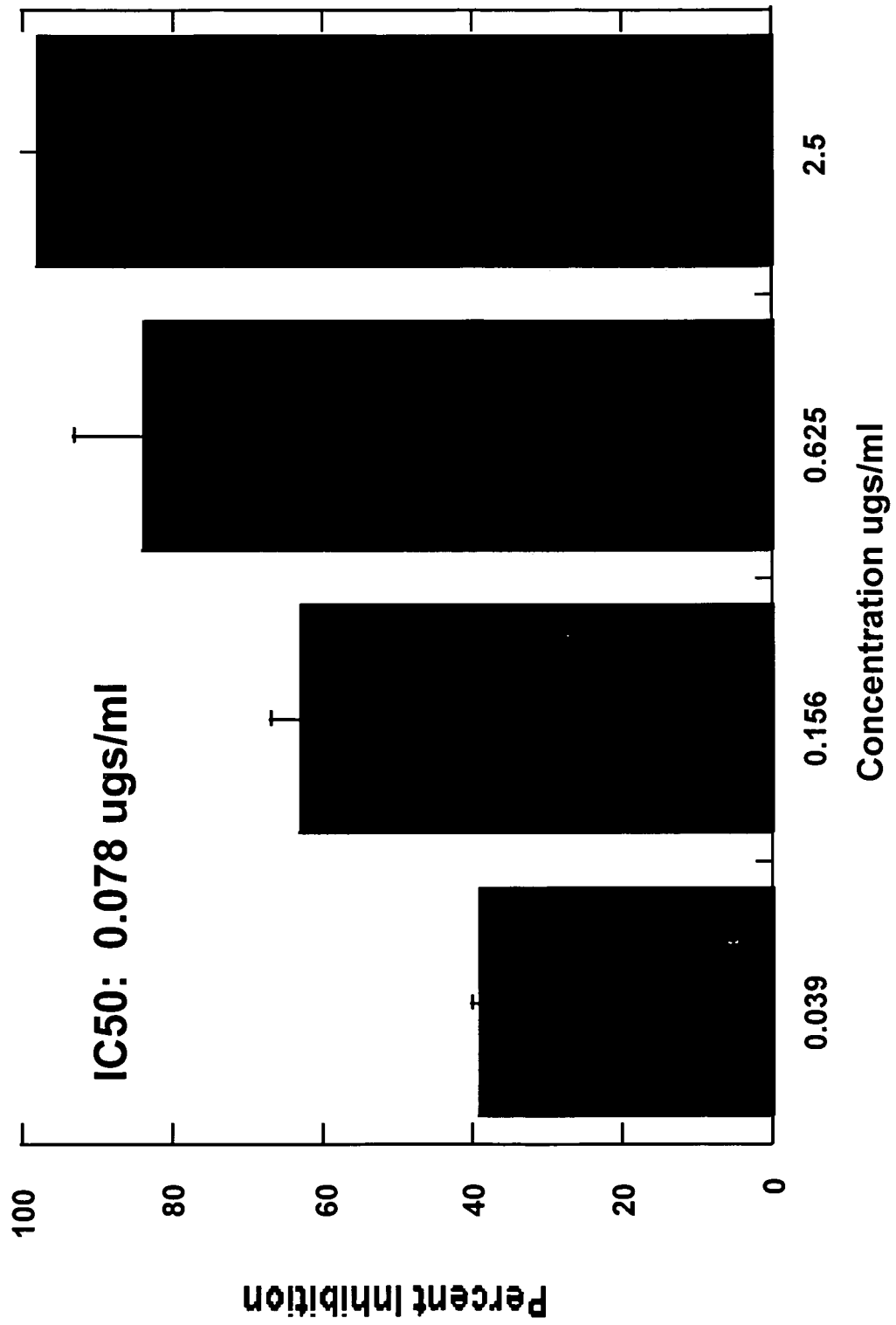


Figure 4

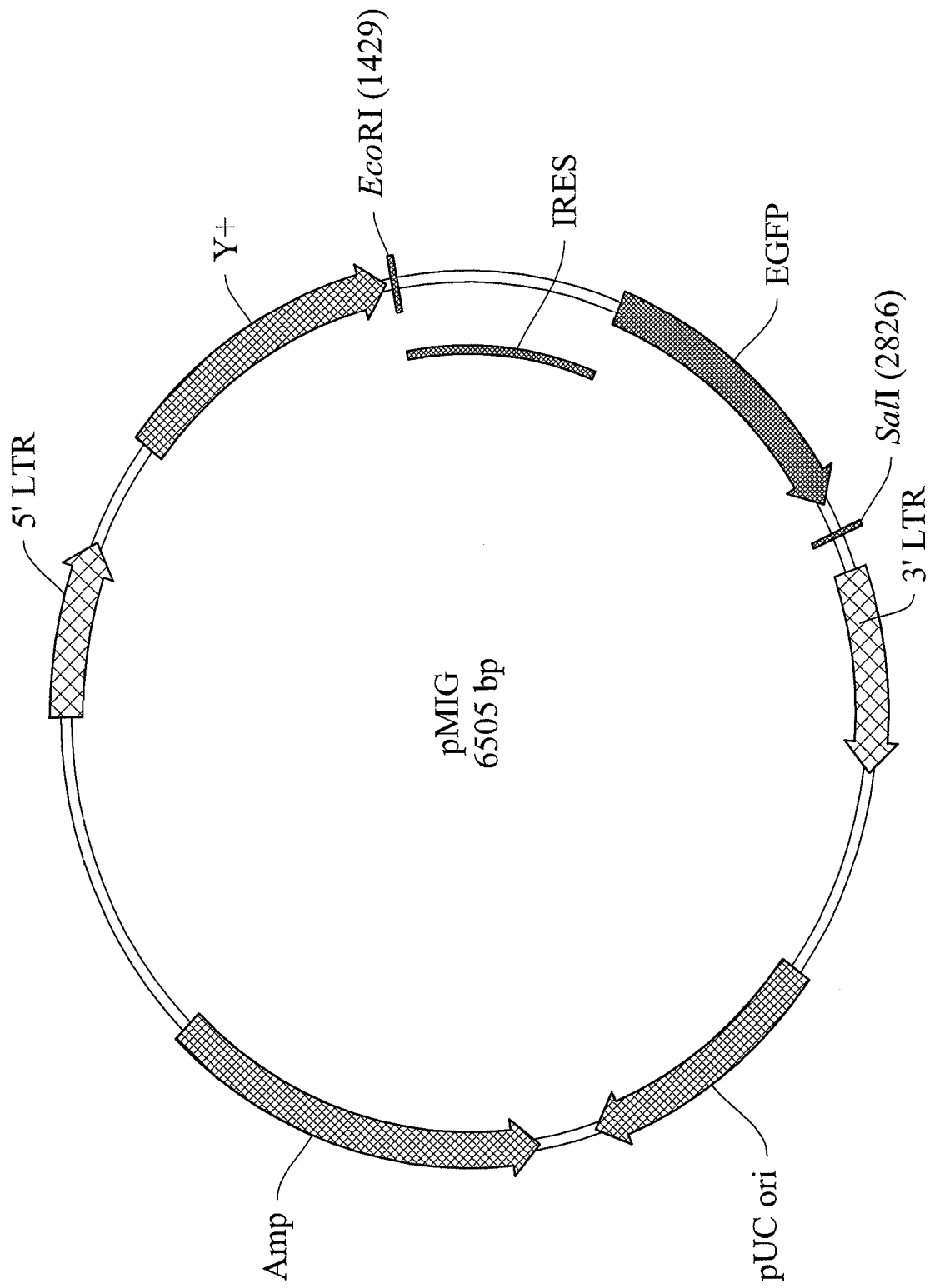


Figure 5

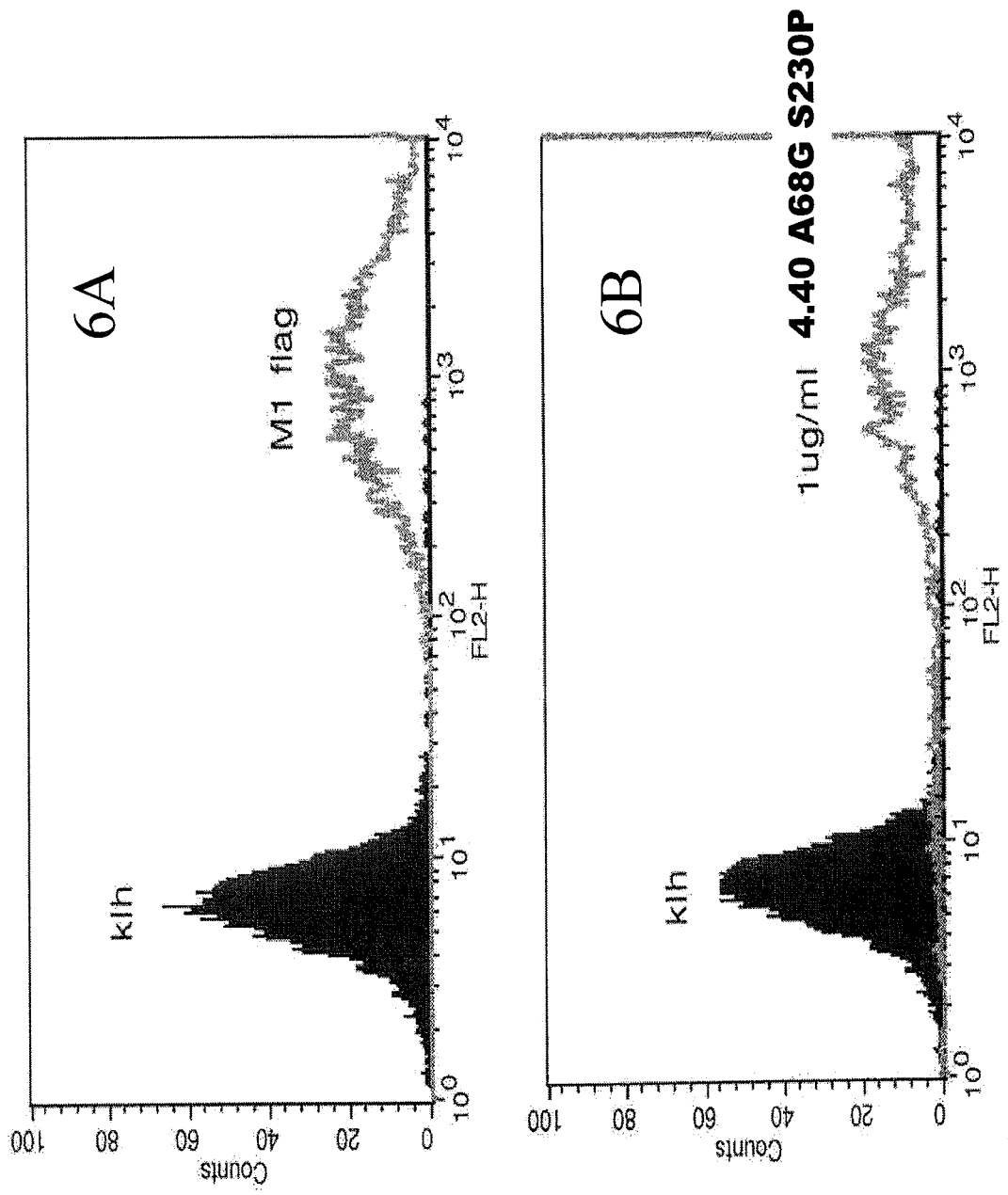


Figure 6A & B

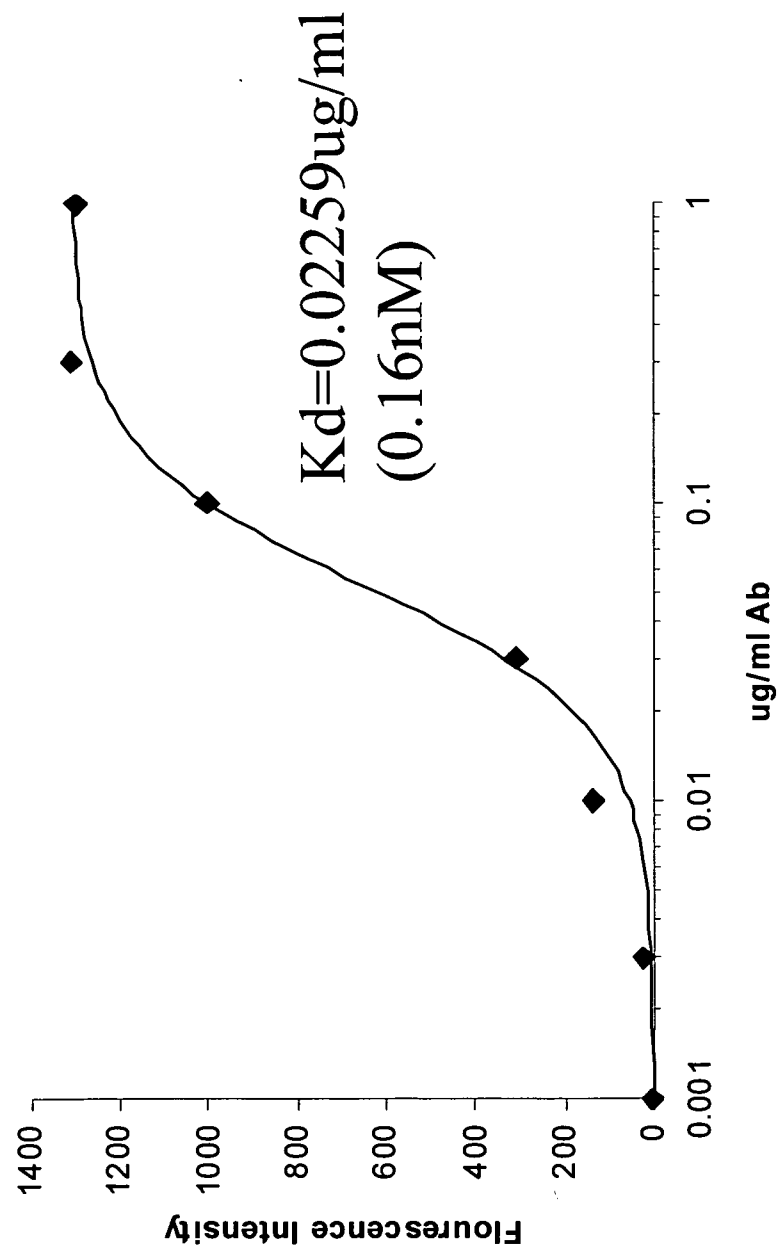


Figure 6C

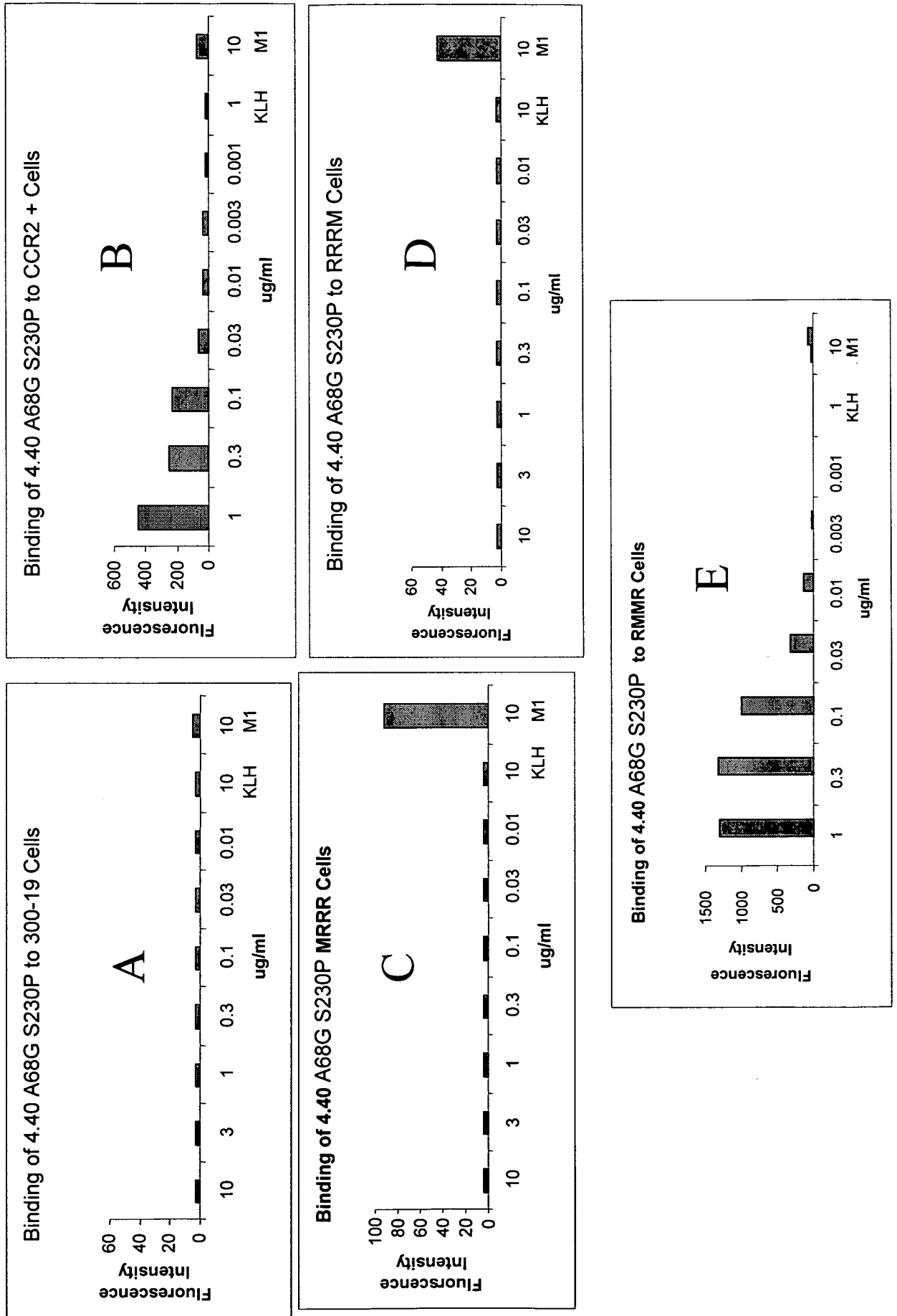


Figure 7

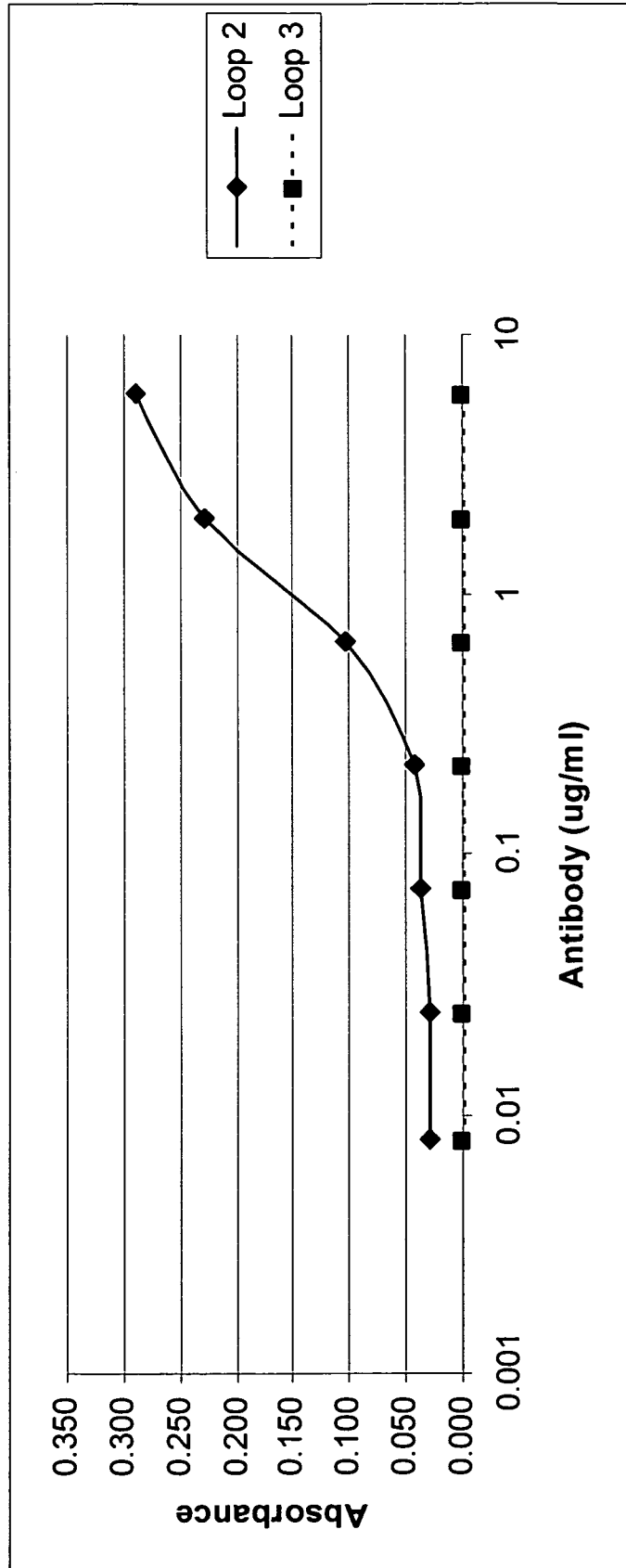


Figure 8

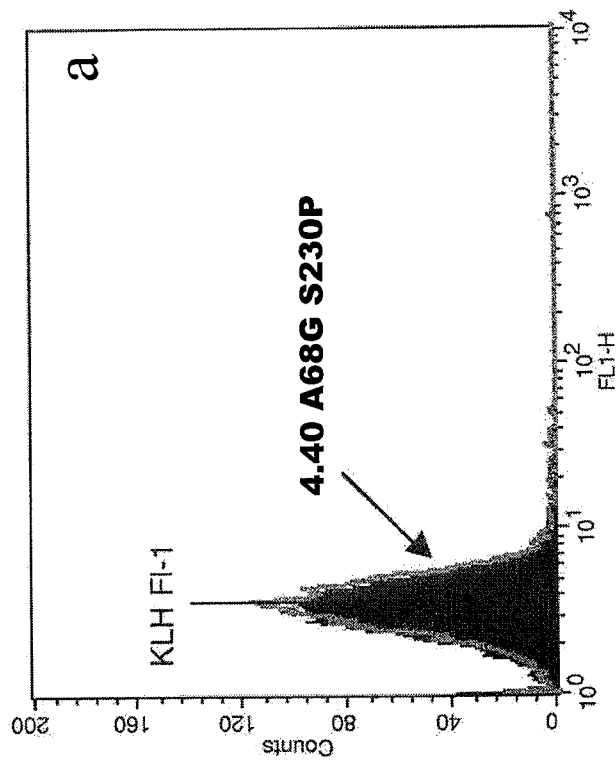
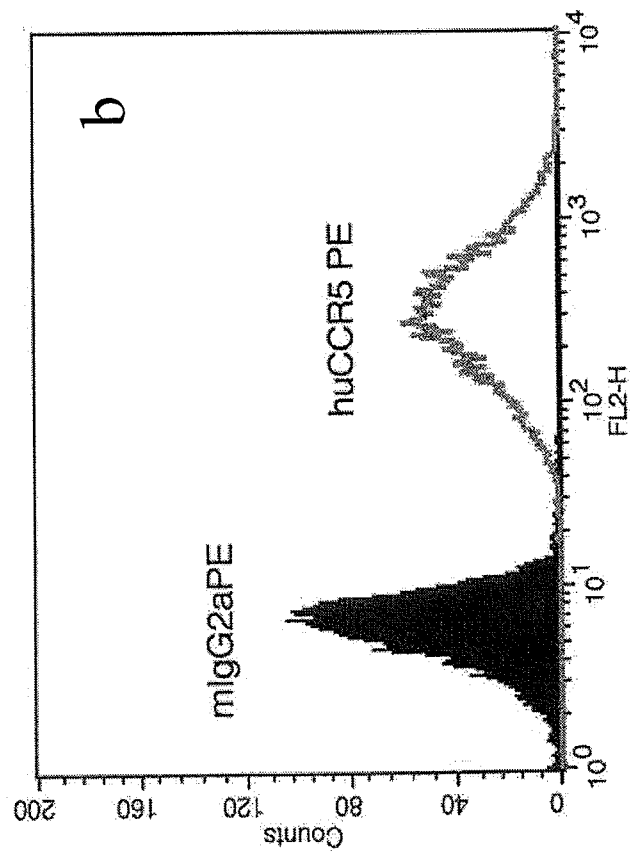


Figure 9

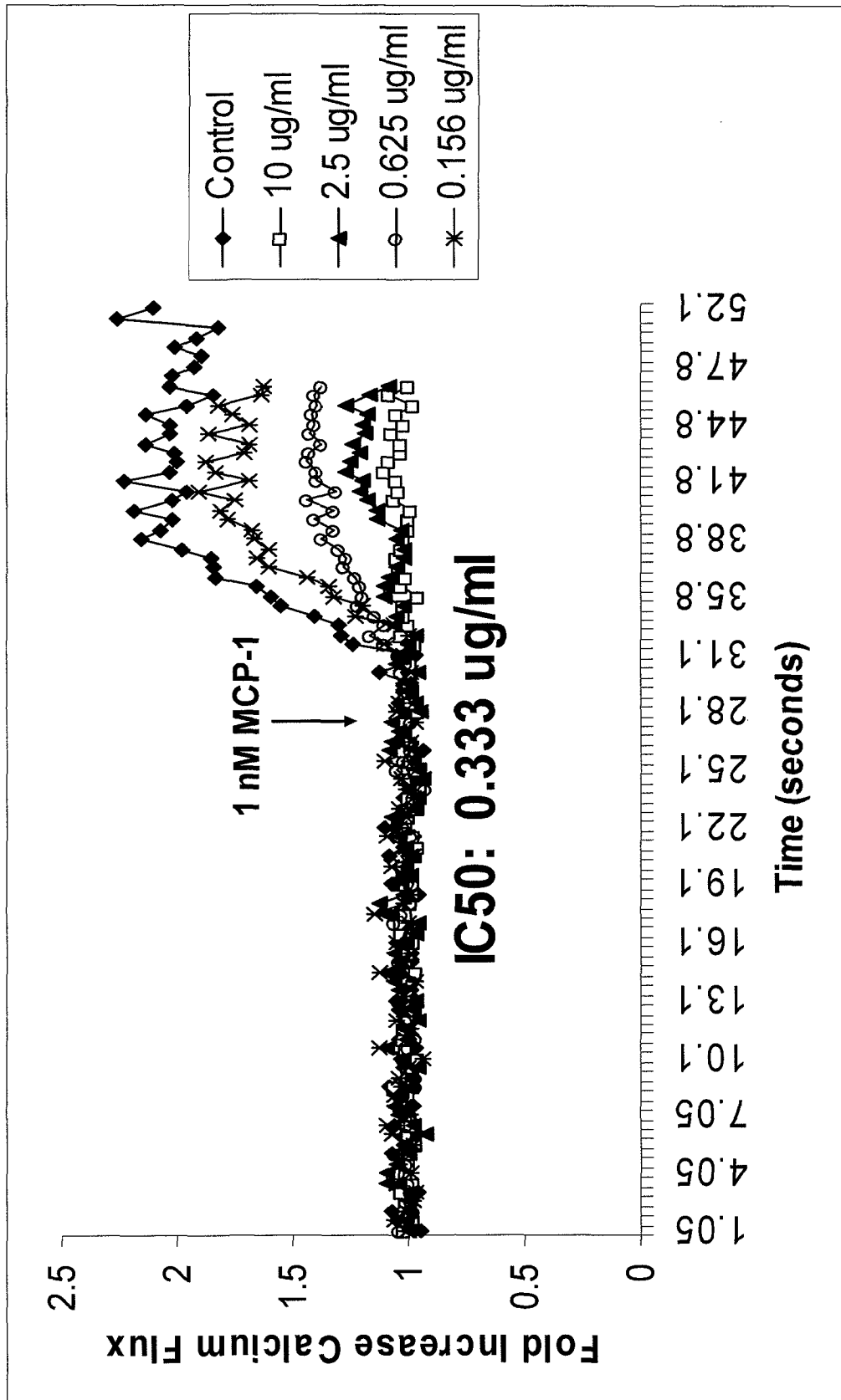


Figure 10

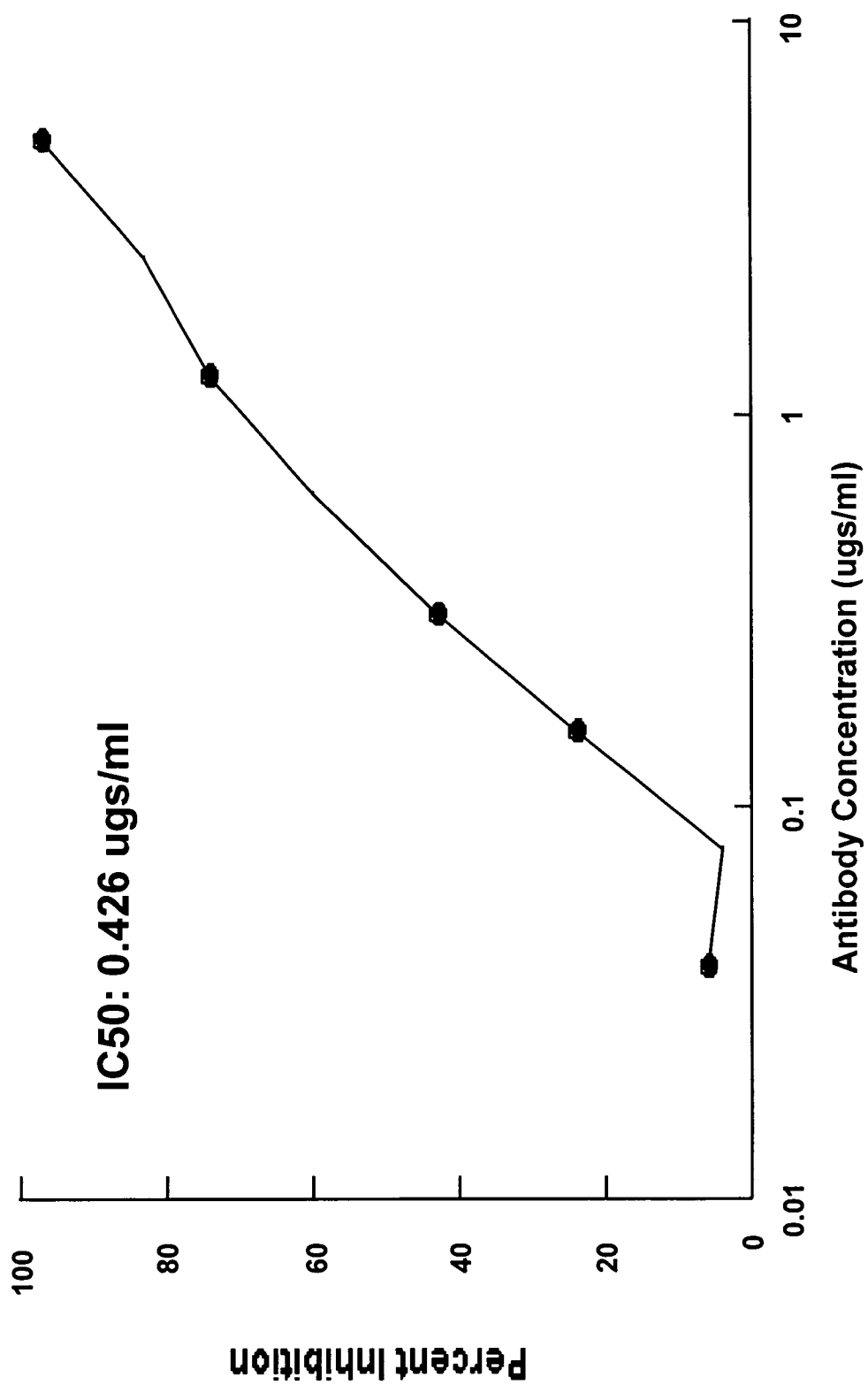


Figure 11

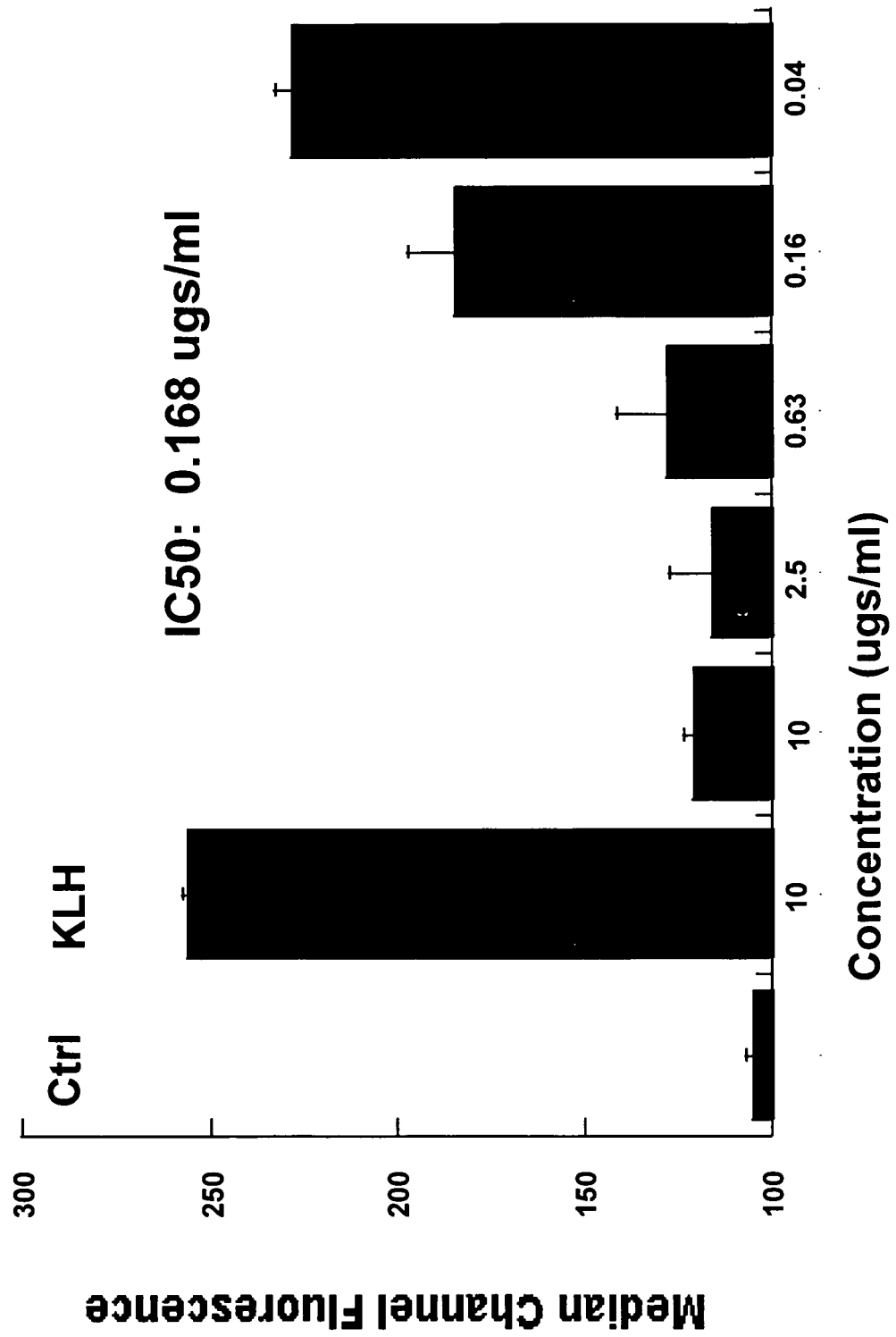


Figure 12

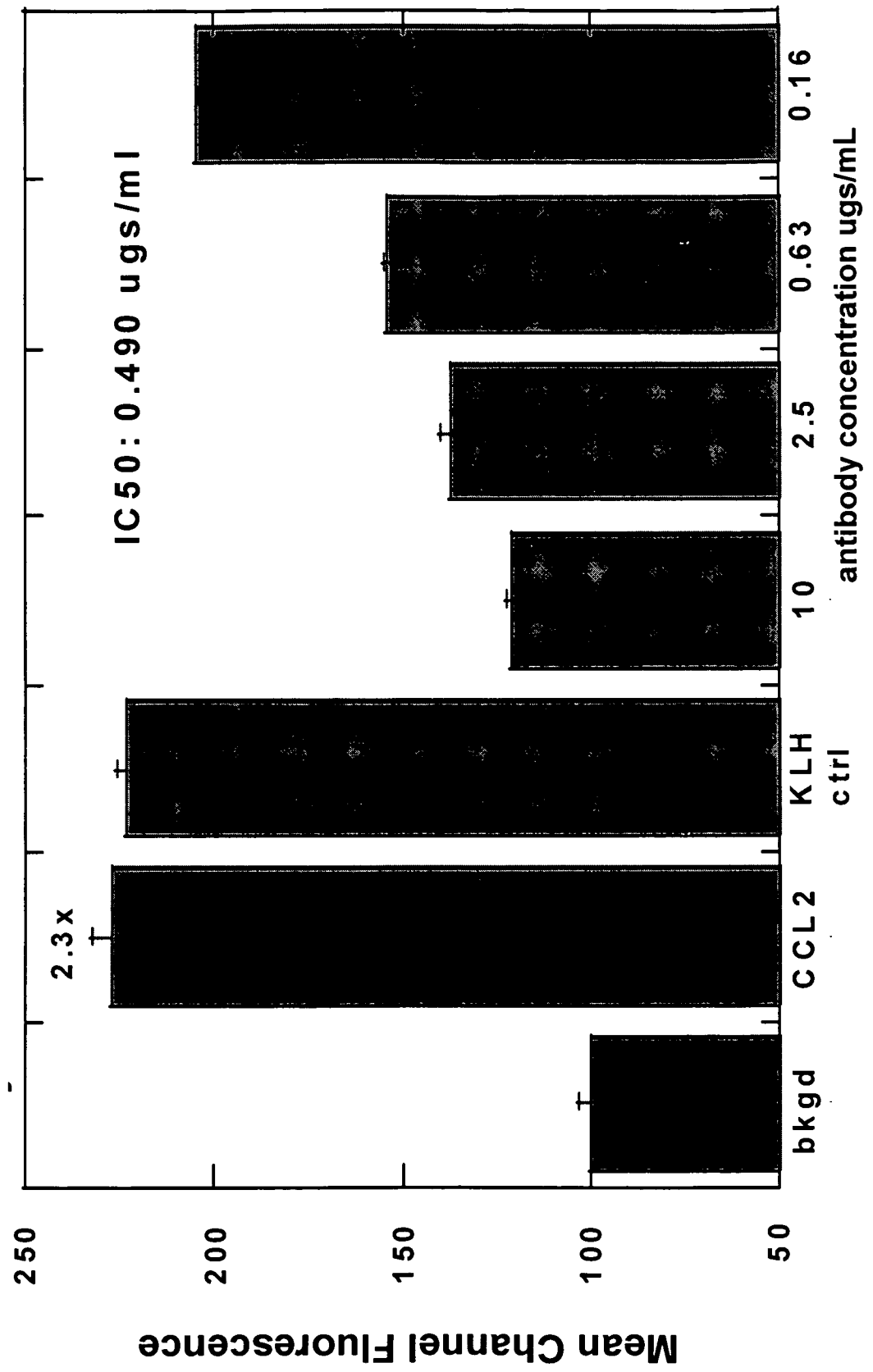


Figure 13

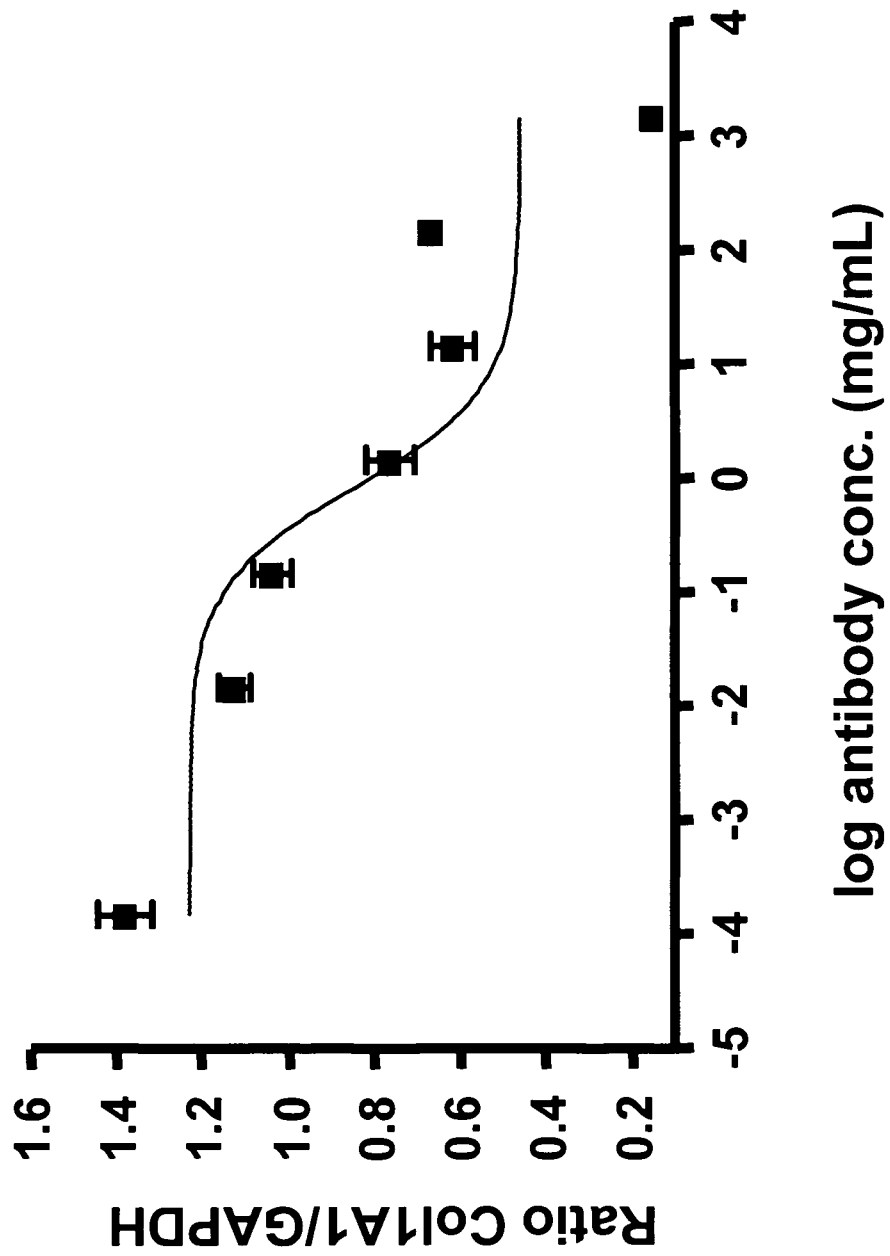


Figure 14

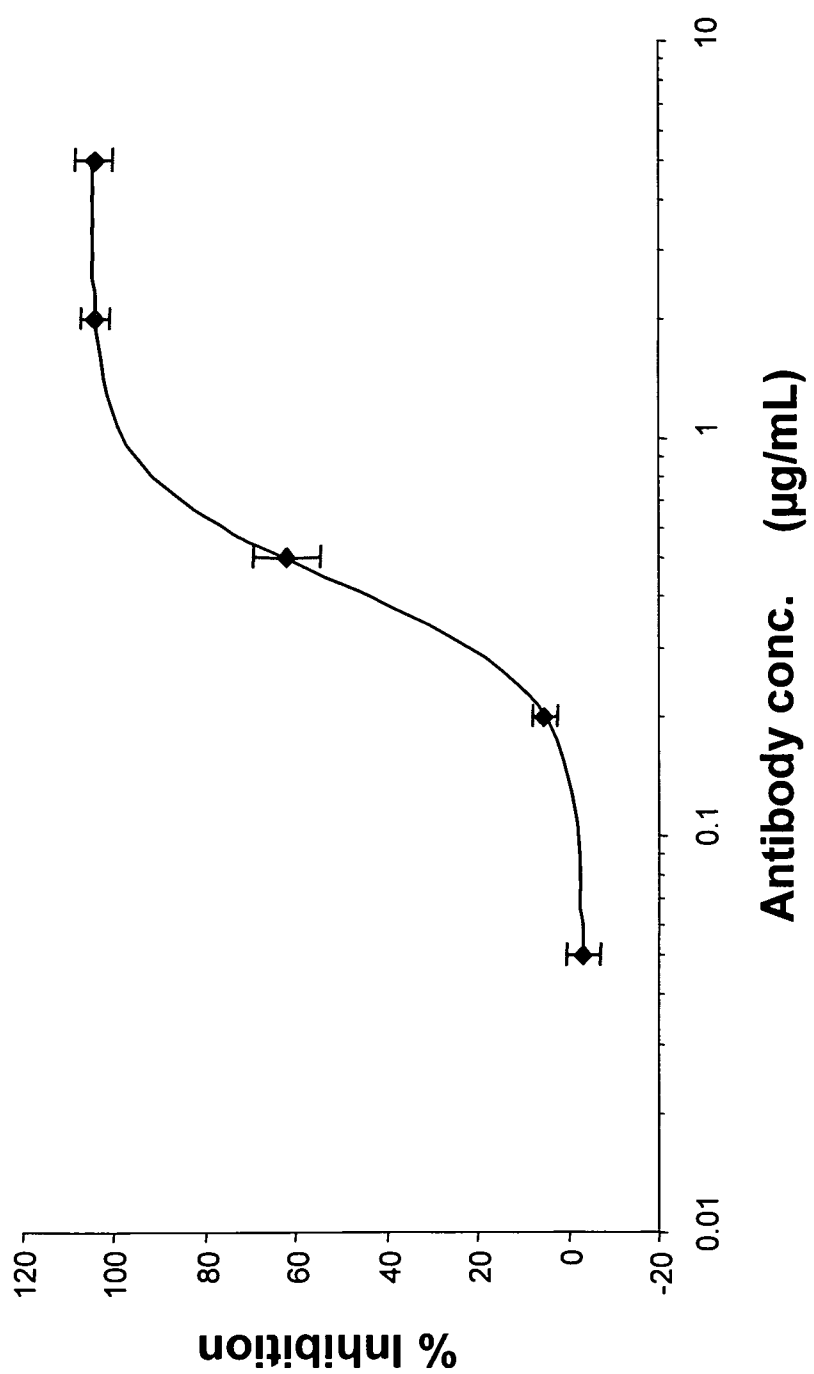


Figure 15

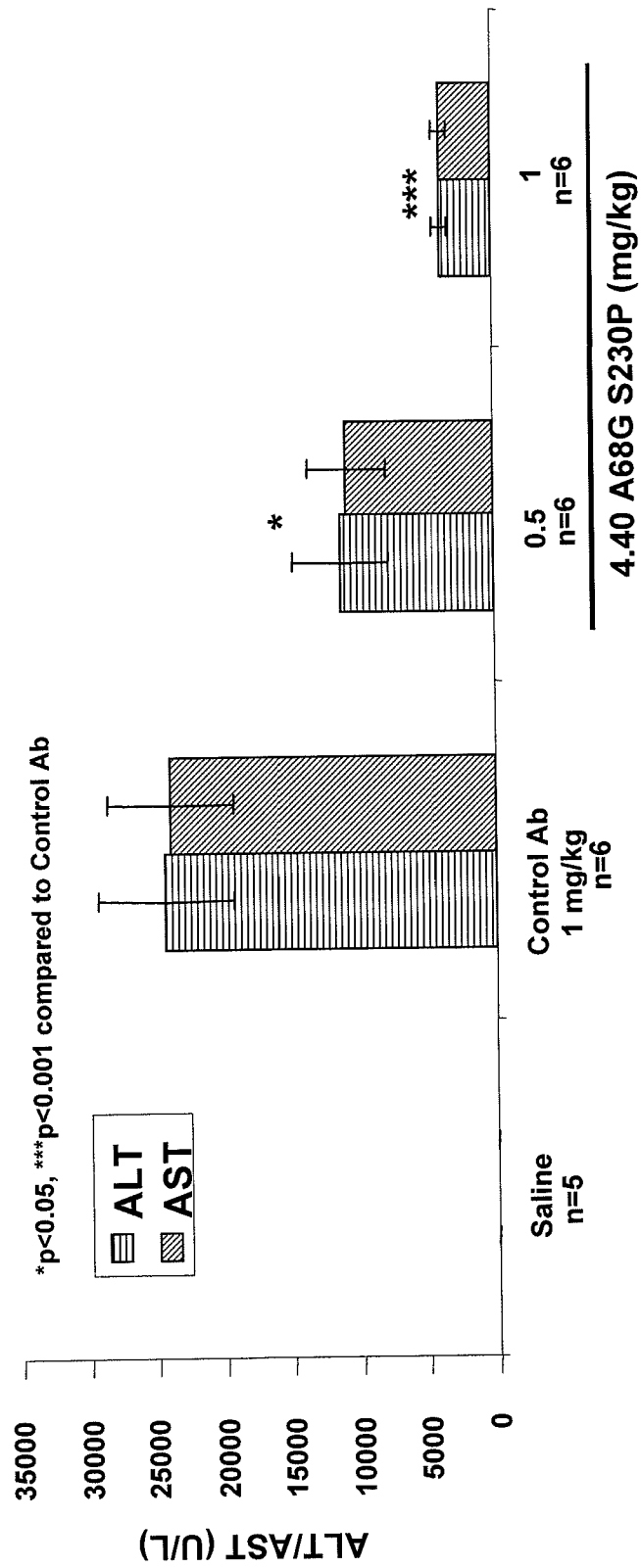


Figure 16

V_H
 Germline QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHVVRQAPGQGLEWMGIINPSGGSTSYAQKFQG
 4.22.3 -----I-----M-----T-----
 Germline RVTMTRDTSTVYMELSSLRSEDVAVYYCARE##YNWNY#AFDIWGQGTMTVTVSS SEQ ID NO:158
 4.22.3 ---L-----D-----RW-K--FDV-----
 V_L
 Germline DVVMTQSPLSLPVTLGQPASISCRSSQSLVYSDGNTYLNWFQQRPQSPRRLLIYKVSNWDS
 4.22.3 -----P-----L-----A
 Germline GVPDRFSGSGGTDFTLKISRVEAEDVGVIYCMQGTHWPITFGQGTGLEIK SEQ ID NO:159
 4.22.3 -----F---###-GRS--V-----

Figure 17a

V_H	
Germline	<u>QVQLVESGGGVVQPGRLRLSCAASGFTFSYGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKG</u>
4.40.2	-----L-----L-----K-----
Germline	<u>RFTISRDNSKNTLYLQMNSLRAEDTAVYYCAR#YNWNY##AFD</u> <u>IWGQGTMTVSS</u> SEQ ID NO:160
4.40.2	-----DQAYWT-FD-----
V_L	
Germline	<u>EIVLTQSPDFQSVTPKEKVTITCRASQSIGSSLHWYQQKPDQSPKLLIKYASQSFS</u>
4.40.2	-----
Germline	<u>GVPSRFGSGGTDFTLTINSLEAEDAATYYCHQSSSLPLTFGGGTKVEIK</u> SEQ ID NO:161
4.40.2	-----A-----

Figure 17b

V_H	
Germline	<u>QVQLVESGGGVVQPGRSLRLSCAASGFTFSYGMHWVRQAPGKGLEWVAVISYDGSNKYYADSVKG</u>
4.9.2	-----GT-----R-----
Germline	RFTISRDNKNTLYLQMNSLRAEDTAVYYCAR# <u>YNWNY##AFDIWGQGTMTVSS</u> SEQ ID NO:162
4.9.2	-----K-----R-----DQAY-K-FD-----
V_L	
Germline	DIQMTQSPSSLASVGDRVTTITCRASQSISSYLNWYQQKPGKAPKLLIYAASSLQ <u>S</u>
4.9.2	-----T-----
Germline	GVPSRFSGSGGTDFTLTISSLPEDFATYCCQSYSTPYTFGQGTKLEIK SEQ ID NO:163
4.9.2	-----NS-CS-----

Figure 17c

V_H	
Germline	QVQLVQSGAEVKKPGASVKVCKASGYTFTSYMHWVRQAPGQGLEWMGIIINPSGGSTSYAQKFQG
4.39.3	-----I-----M-----P-----
Germline	RVTMTRDTSTVVMELSSLRSEDTAVYYCAR##YNWNY#AFDIWGQGTMTVSS SEQ ID NO:164
4.39.3	-----D-----F-----ERW-K--FD-----
V_L	
Germline	DIVMTQSPDSLAVSLGERATINCKSSQSVLYSSNNKNYLAWYQQKPGQPPKLLIYWASTRES
4.39.3	-----
Germline	GVPDRFSGSGGTDFTLTISSLQAEDVAVYYCQYYSTPWTFFGQGTKVEIK SEQ ID NO:165
4.39.3	-----Q-----R-----

Figure 17D