

FIGURE 1

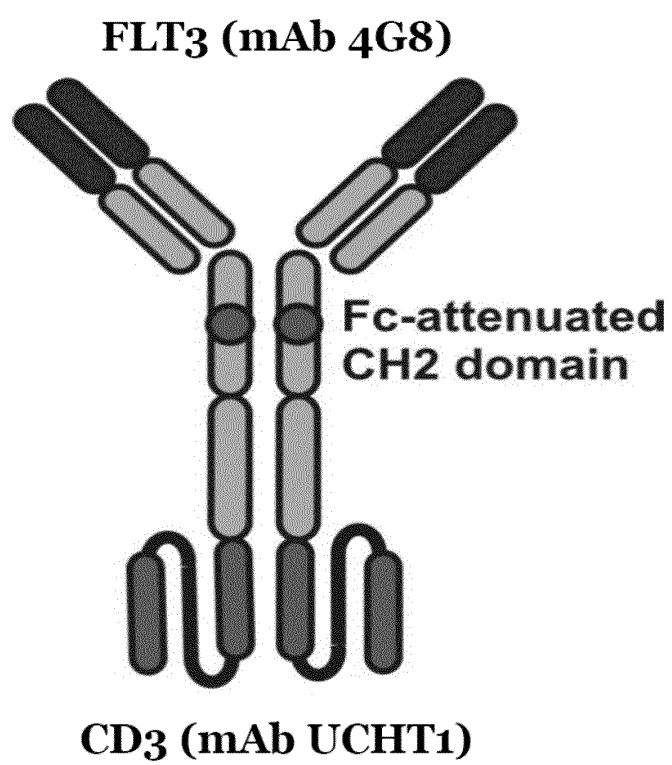


FIGURE 2

A*IgGsc_FLT3 (4G8 mouse)_CD3 (hUCHT1) Heavy chain*

QVQLQQPGAELVKPGASLKL SCKSSGYTFTSYWMHWVRQRP GHGLEWIGEIDPSDSYKDY
 FLT3 (4G8) HC variable region

NQKFCDKATLTVD RSSNTAYMHLSSLTSDDSAVYYCARAITTT PFD FWGQGTTLT VSS
 FLT3 (4G8) HC variable region

ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVT/SWNSGALTSGVHTFPAVLQSSG
 IgG1 CH1 domain

LYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPPVAGPSVF
 IgG1 CH1 domain IgG1 hinge region

LFPPKPKDTLMISRTPEVTCVVGVS HEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYR
 Mutated IgG1CH2 domain

VVSVLTVLHQDWLNGKEYKCKVSNKQLPSIEKTISKAKGQPREPQVYTLPPSRDELTKNQV
 Mutated IgG1CH2 domain IgG1 CH3 domain

SLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFS
 IgG1 CH3 domain

CSVMHEALHNHYTQKSLSLSPGKSGDIQMTQSPSSLSASVGDRVTITCRASQDIRNYLNWY
 IgG1 CH3 domain Humanized CD3 single chain (UCHT1) LC variable region

QQKPGKAPKLLIYYTSRLESGVPSRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNLTPWTF
 Humanized CD3 single chain (UCHT1) LC variable region

GQGTKVEIKGGGGSGGGSGGGGSEVQLVESGGGLVQPGGSLRLSCAASGYSFTGYTM
 Linker region Humanized CD3 single chain (UCHT1) HC variable region

NWVRQAPGKGLEWVALINPYKGVSTYNQKFDRFTISVDKSKNTAYLQMNSLRAEDTAVYY
 Humanized CD3 single chain (UCHT1) HC variable region

CARSGYYGDS DWYFDVWGQGT LVT VSS**
 Humanized CD3 single chain (UCHT1) HC variable region

B*FLT3 (4G8 mouse)_Kappa_ Light chain*

DIVLTQSPATLSVTPGD SVSLSCRASQSI SNNLHWYQQKSHESPRLLIKYASQSI SGIPSRFS
 FLT3 (4G8) LC variable region

GSGSGTDFTLSINSVETEDFGVYFCQQSNTWPYTFGGG TKLEIKRTVAAPSVFIFPPSDEQL
 FLT3 (4G8) LC variable region

KSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYLSSTLTLSKADY
 C-Kappa

EKHKVYACEVTHQGLSSPVTKSFNRGEC**
 C-Kappa

FIGURE 3

BiacoreX:
10µg/ml coating AK for 30s
Association for 180s in PBS
Dissociation for 1080s in PBS

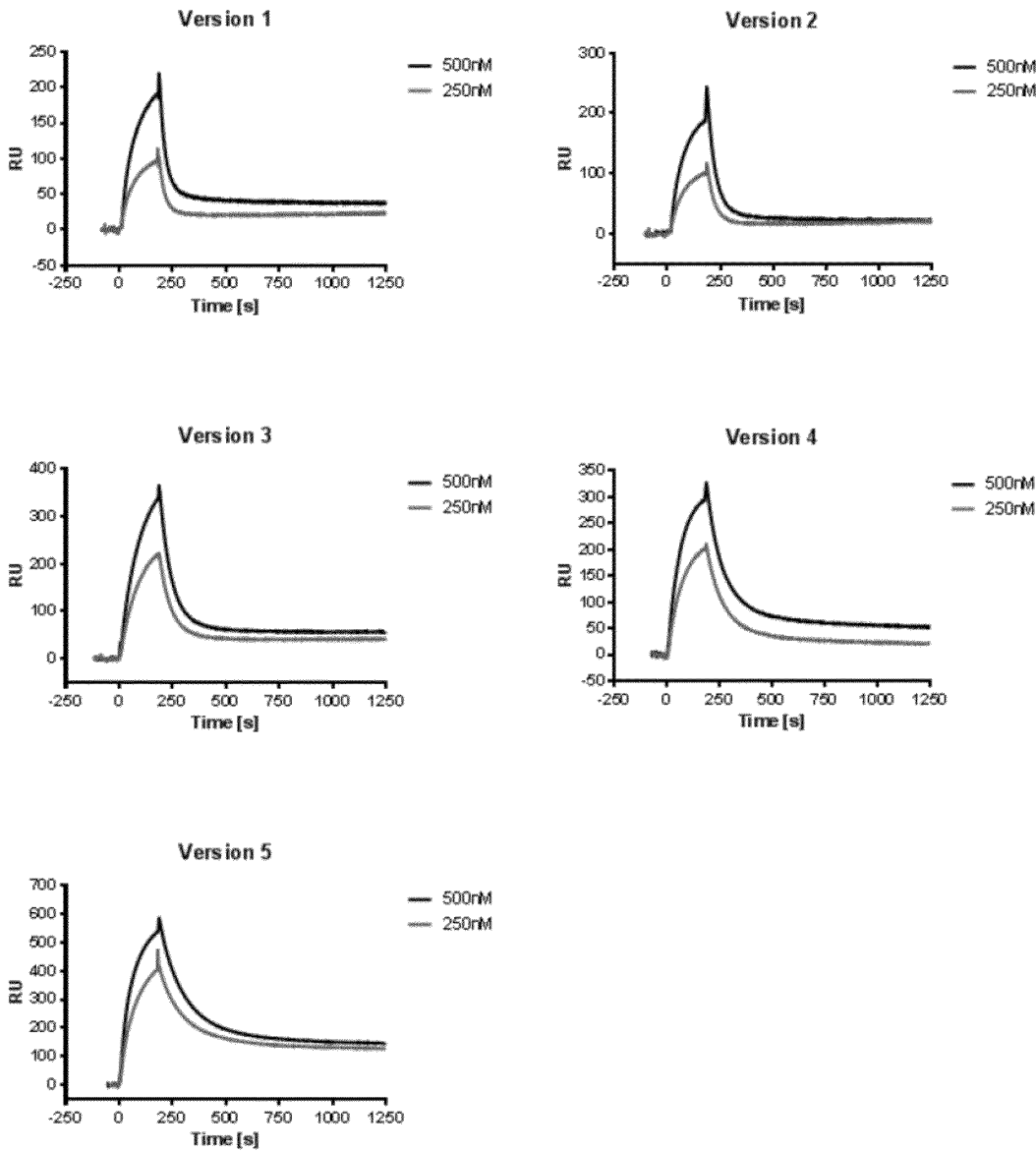


FIGURE 4

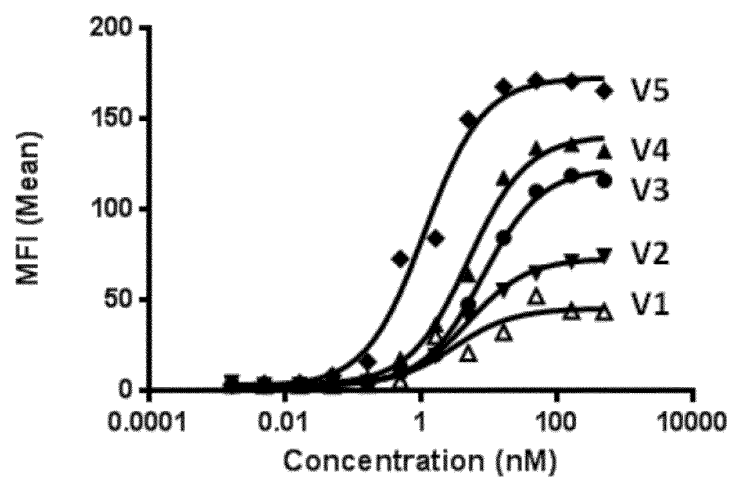
Binding to NALM16 cells (FLT3+)

FIGURE 5

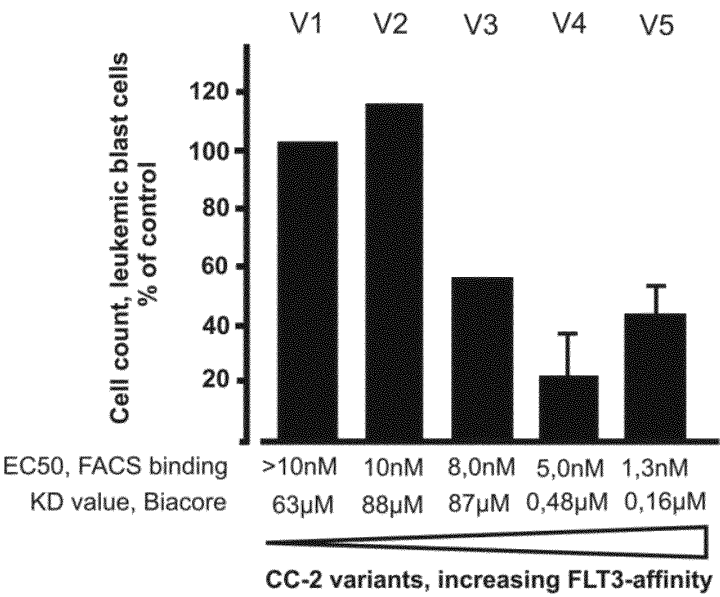


FIGURE 6

Binding to Jurkat cells (CD3+)

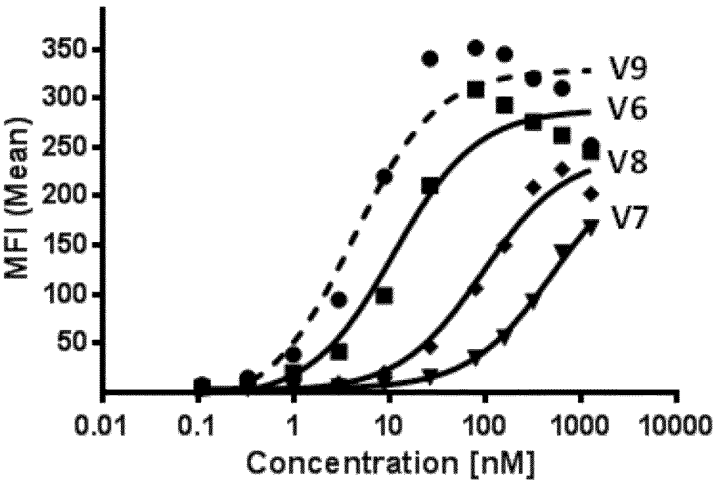


FIGURE 7

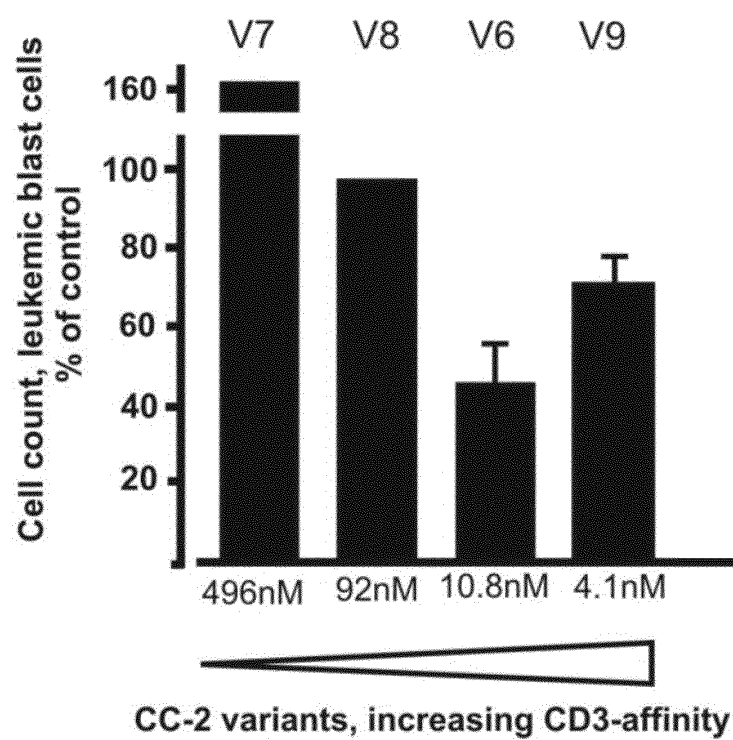
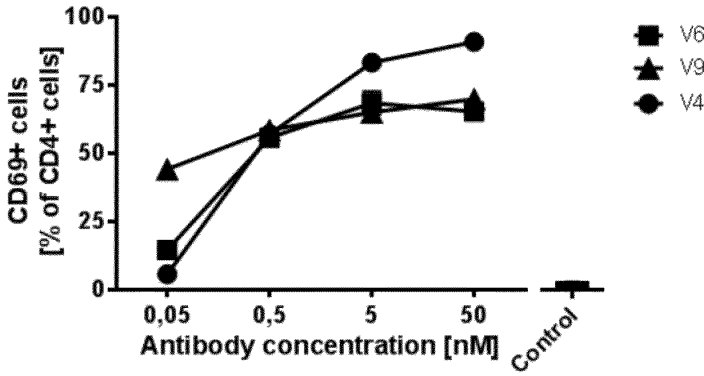
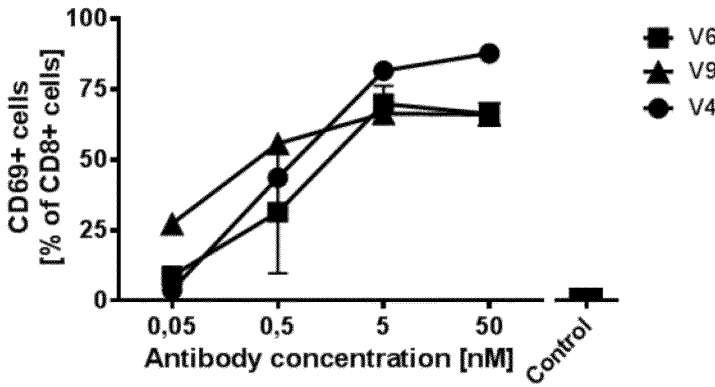


FIGURE 8

A



B



C

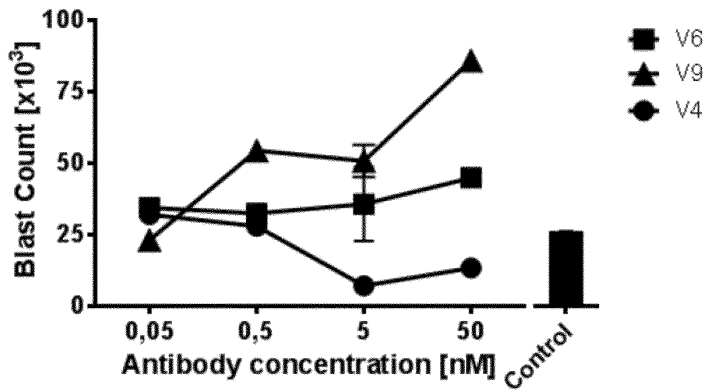


FIGURE 9

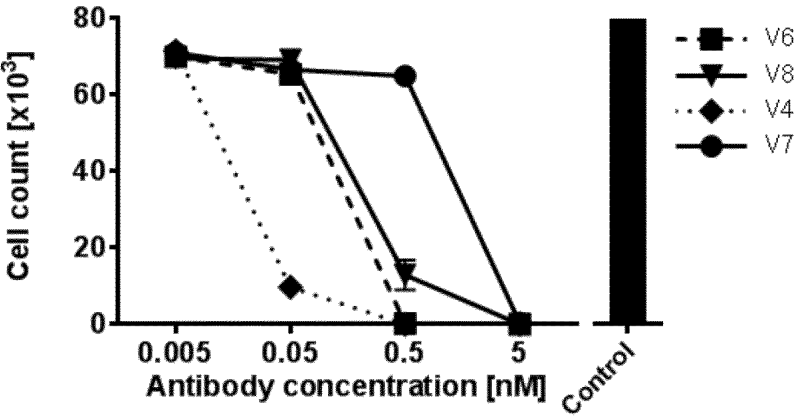
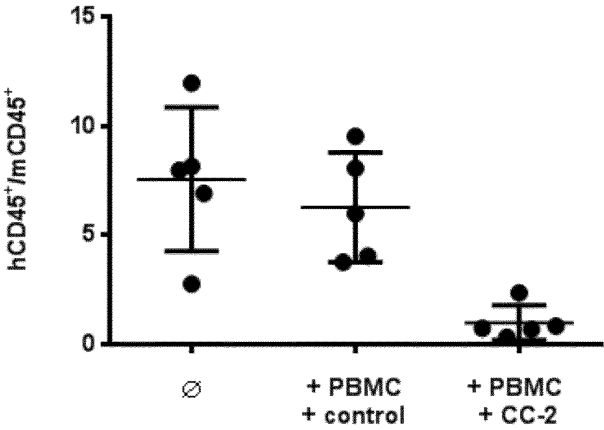


FIGURE 10

A



B

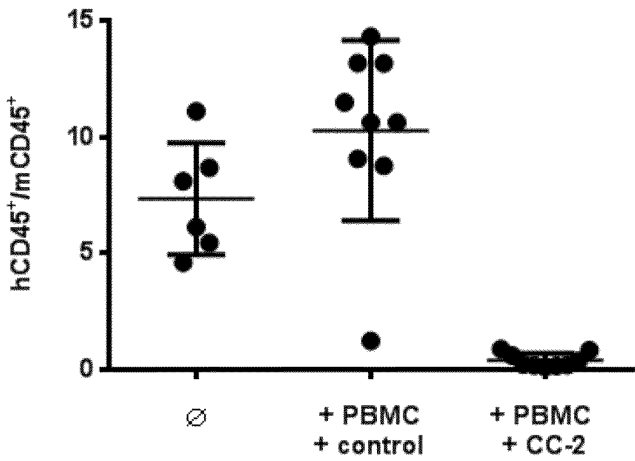


FIGURE 11

