Figure 1A

D I Q M T Q S P S S L S A S V G D R V T I T C R A S
GACATCCAGATGACCCAGAGCCCAAGCAGCCTGAGCGCCAGCGTGGGTGACAGAGTGACCATCACCTGTAGGGCAAGT

Q D I S N Y L A W Y Q Q K P G K A P K L L I Y Y T S
CAGGACATTAGCAATTATTTAGCCTGGTACCAGCAGAAGCCAGGTAAGGCTCCAAAGCTGCTGATCTACTACACATCA

K I H S G V P S R F S G S G S G T D Y T F T I S S L
AAAATCCACTCAGGTGTGCCAAGCAGATTCAGCGGTAGCGGTAGCGGTACCGACTACACCTTCACCATCAGCAGCCTC

Q P E D I A T Y Y C Q Q G N T F P Y T F G Q G T K V
CAGCCAGAGGACATCGCCACCTACTACTGCCAACAGGGTAATACGTTTCCGTACACGTTCGGCCAAGGGACCAAGGTG

E I K (SEQ ID No. 1)
GAAATCAAA

Figure 1B

Q V Q L Q Q S G G E L A K P G A S V K V S C K A S G
CAGGTCCAGCTTCAGCAGTCTGGGGGCGAACTGGCCAAGCCTGGGGCCTCAGTGAAGGTGTCCTGCAAGGCTTCTGGC

Y T F S S F W M H W V R Q A P G Q G L E W I G Y I N
TACACCTTTAGTAGTTTCTGGATGCACTGGGTAAGACAGGCCCCTGGACAGGGTCTGGAATGGATTGGATACATTAAT

P R S G Y T E Y N E I F R D K A T M T T D T S T S T
CCTAGATCTGGTTATACTGAGTaTAATGAGATATTCAGGGACAAGGCCACAATGACTACCGACACCTCCACCAGCACA

A Y M E L S S L R S E D T A V Y Y C A S F L G R G A
GCCTACATGGAGCTGAGTAGCCTGAGATCTGAGGACACCGCAGTCTATTACTGTGCAAGTTTTCTGGGACGAGGGGCT

M D Y W G Q G T T V T V S S (SEQ ID No. 2)
ATGGACTACTGGGGTCAAGGAACCACCGTCACCGTCTCCTCA

Figure 1C

DIQMTQSPSSLSASVGDRVTITC**RASQDISNYLA**WYQQKPGKAPKLLIY**YTSKIHS**GVPS
RFSGSGSGTDYTFTISSLQPEDIATYYC**QQGNTFPYT**FGQGTKVEIKRTVAAPSVFIFPP
SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLT
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC (SEQ ID No. 3)

Figure 1D

QVQLQQSGGELAKPGASVKVSCKASGYTFS**SFWMH**WVRQAPGQGLEWIG**YINP**
RSGYTEYNEIFRDKATMTTDTSTSTAYMELSSLRSEDTAVYYCAS**FLGRGAMDY**
WGQGTTVTVSSASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSG
ALTSGVHTFPAVLQSSGLYSLSSVVTVPSSNFGTQTYTCNVDHKPSNTKVDKTV
EPKSSDKTHTCPPCPAPPVAGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPE
VQFNWYVDGVEVHNAKTKPREEQ**AQ**STFRVVSVLTVVHQDWLNGKEYKCKVS
NKGLPAPIEKTISKTKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVE
WESNGQPENNYKTTPPMLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALH
NHYTQKSLSLSPGK (SEQ ID No. 4)

Figure 2

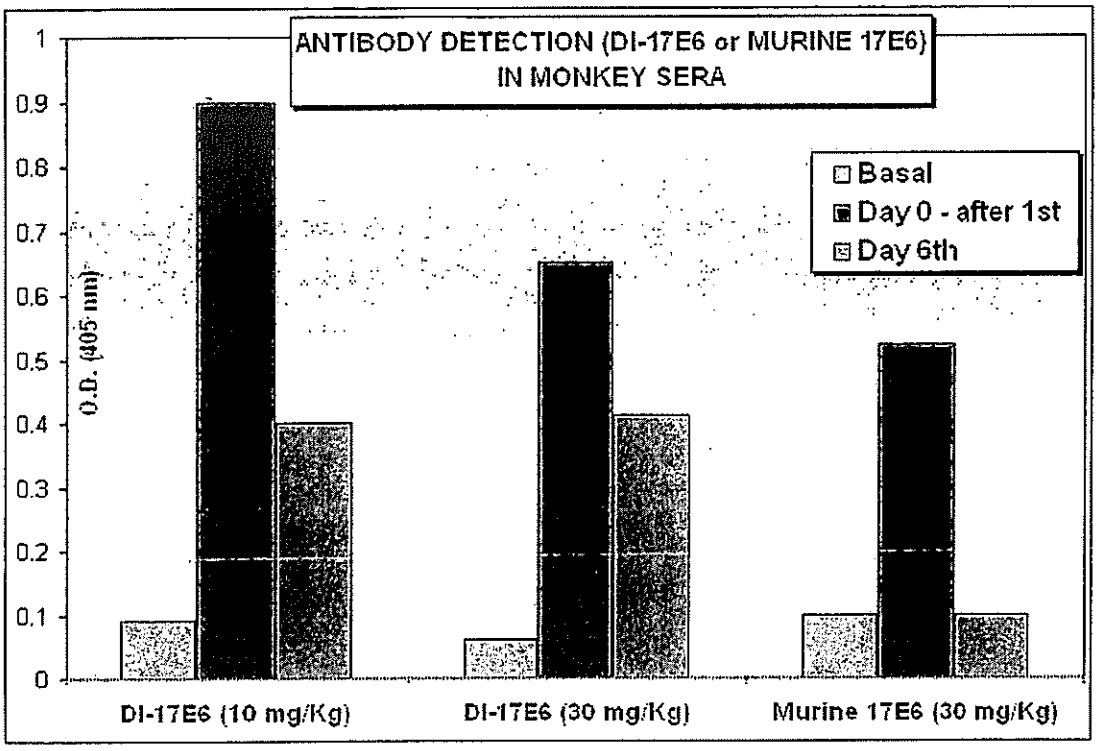


Figure 3

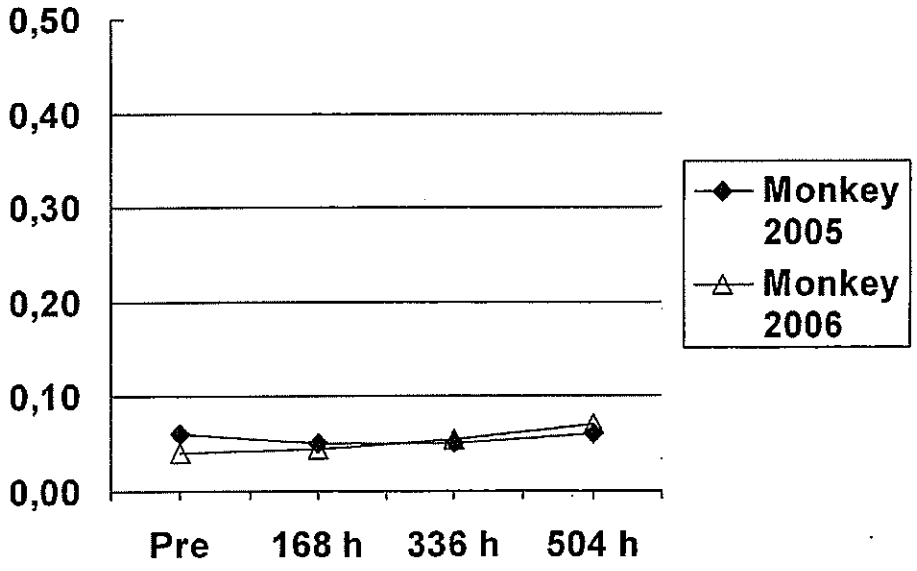


Figure 4:

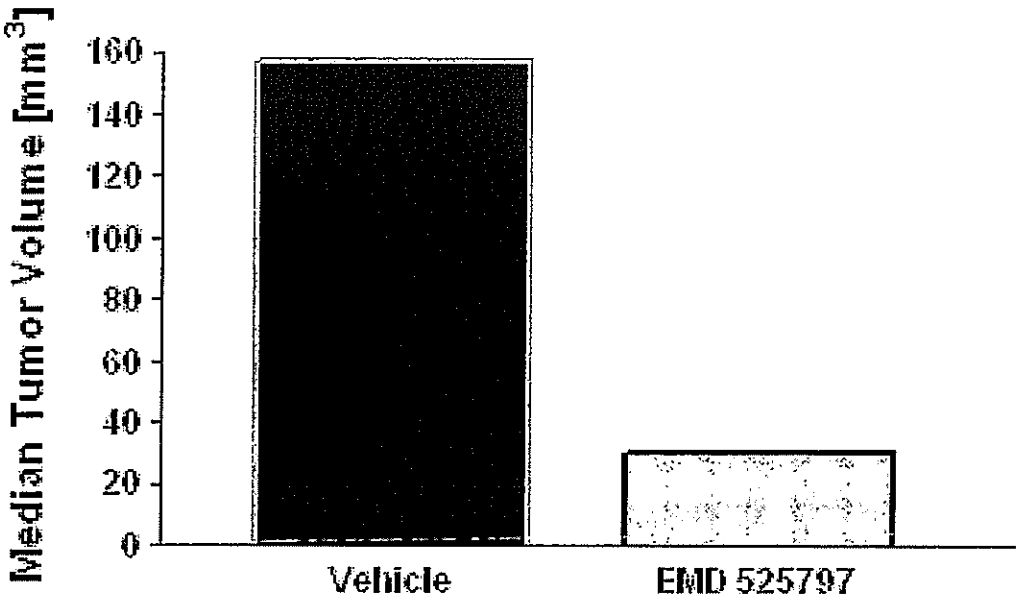


Figure 5:

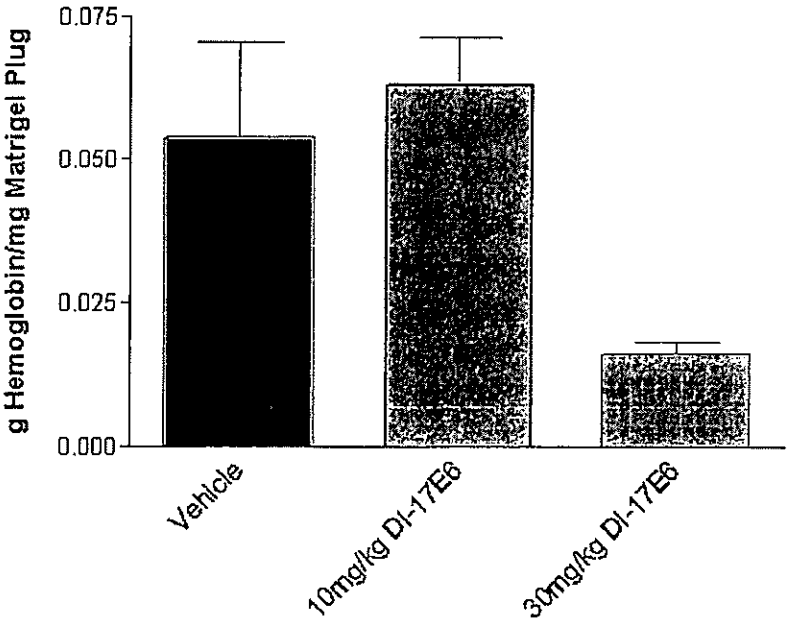


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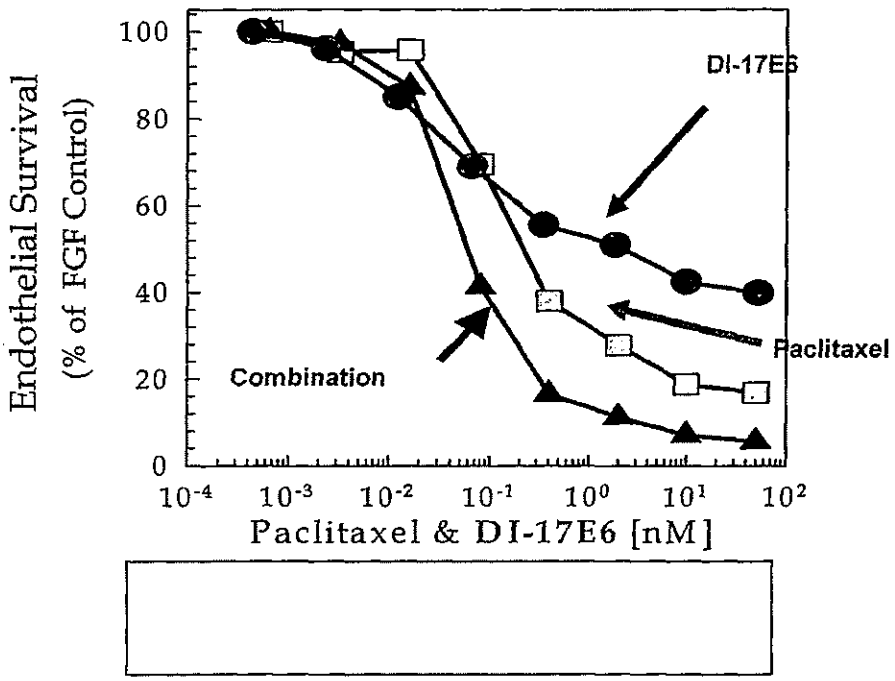

Endothelial Survival
(% of FGF Control)
100
80
60
40
20
0
DI-17E6
Paclitaxel
Combination
10-4
10-3
10-2
10-1
100
101
102
Paclitaxel & DI-17E6 [nM]

Figure 7:

M21 cells

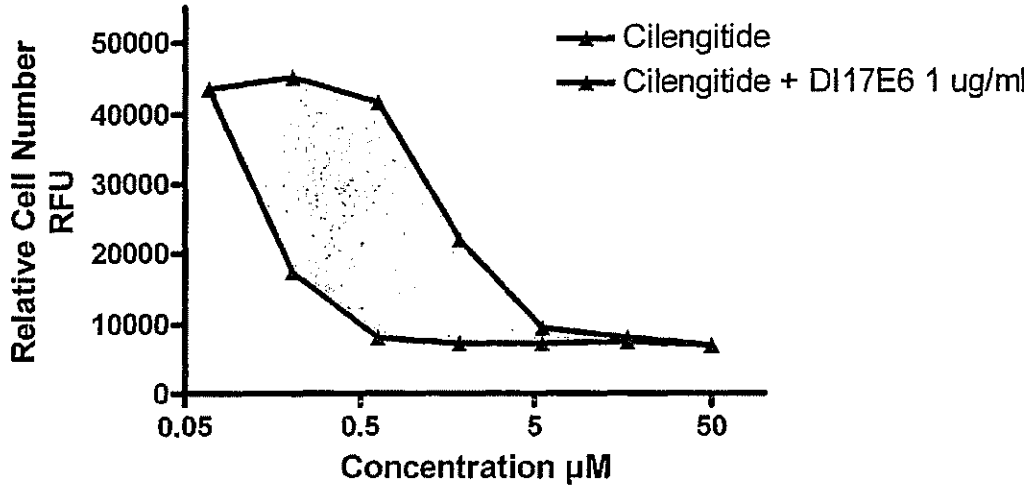


Figure 8:

CAKI-2 cells

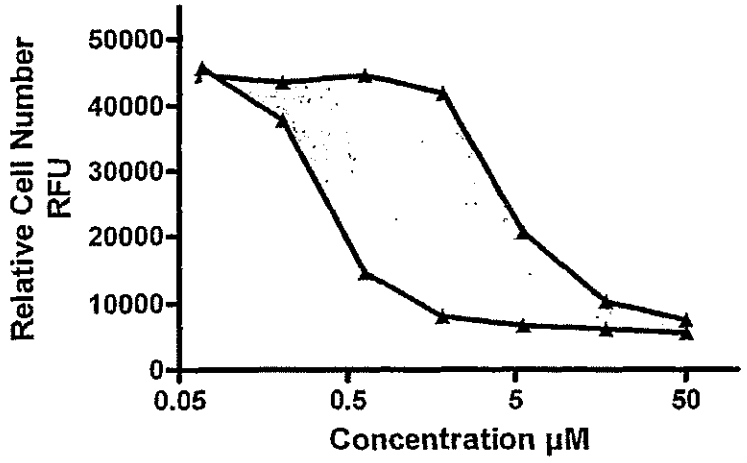


Figure 9:

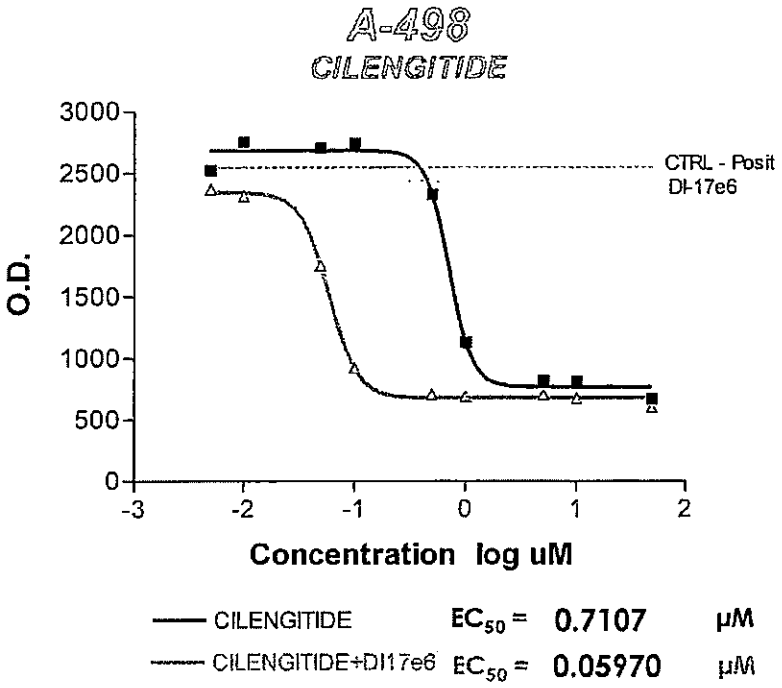


Figure 10:

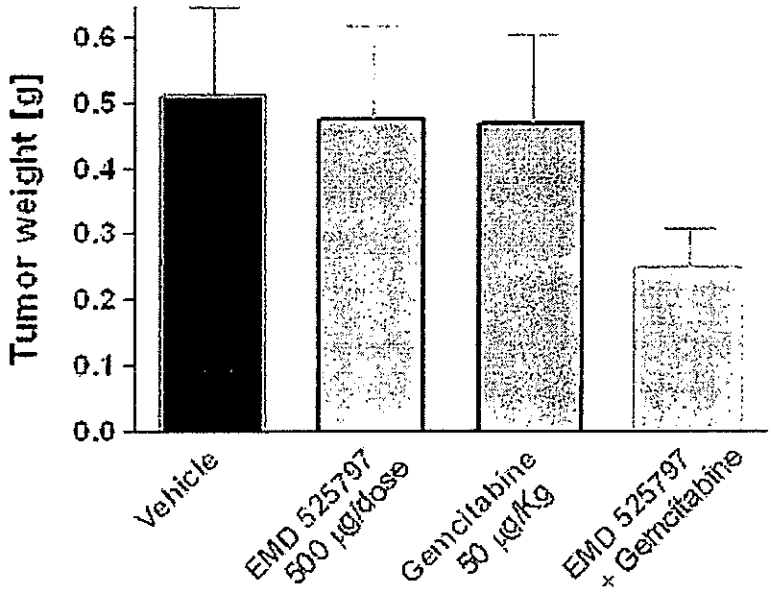


Figure 11:

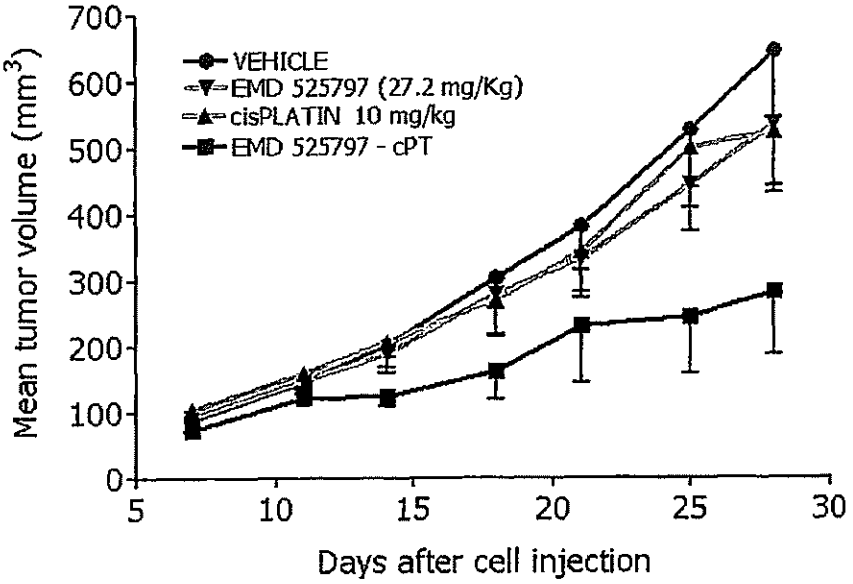


Figure 12:

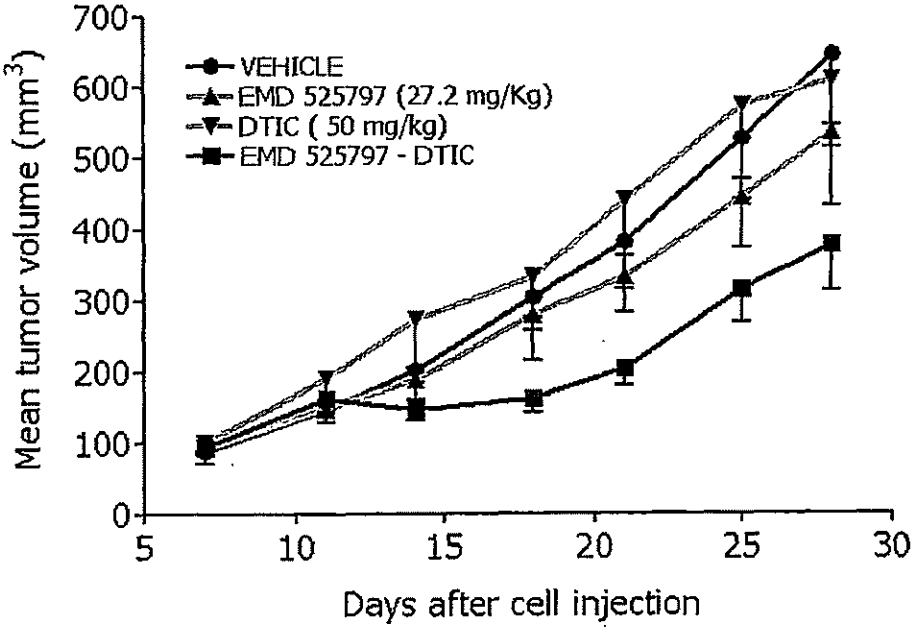


Figure 13:

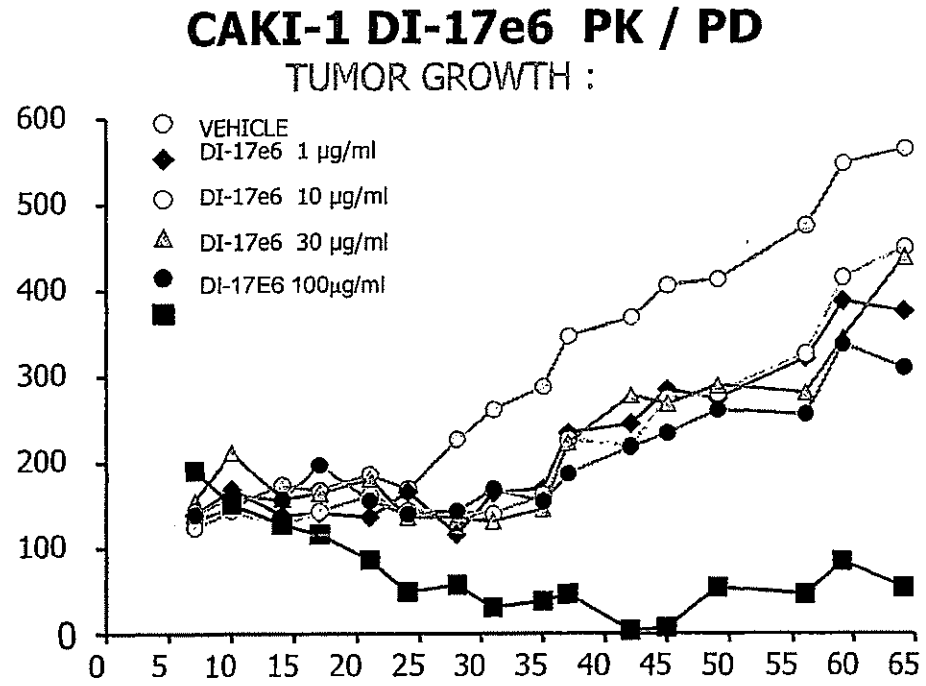


Figure 14:

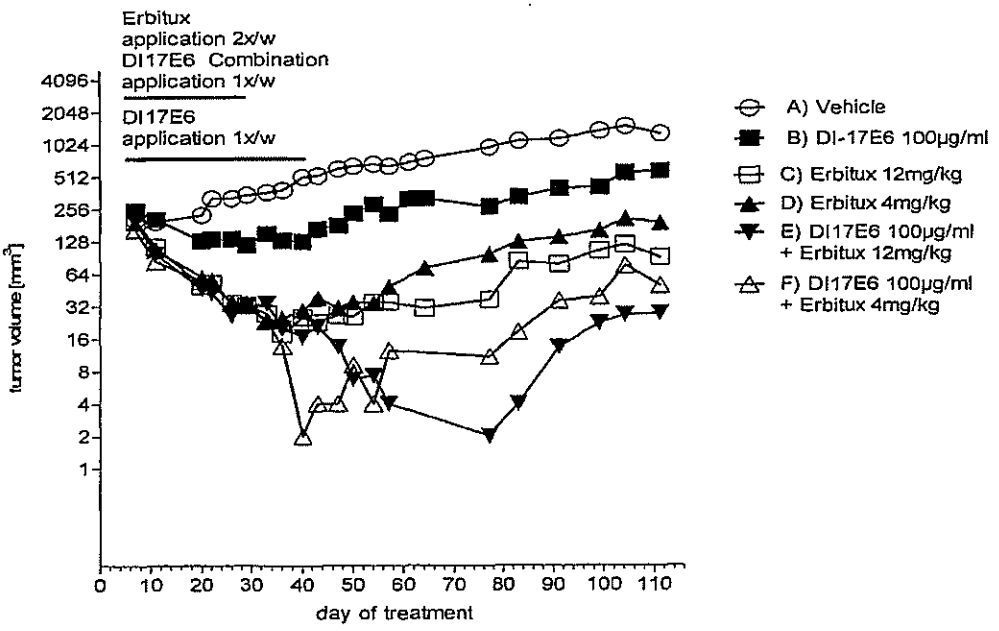


Figure 15

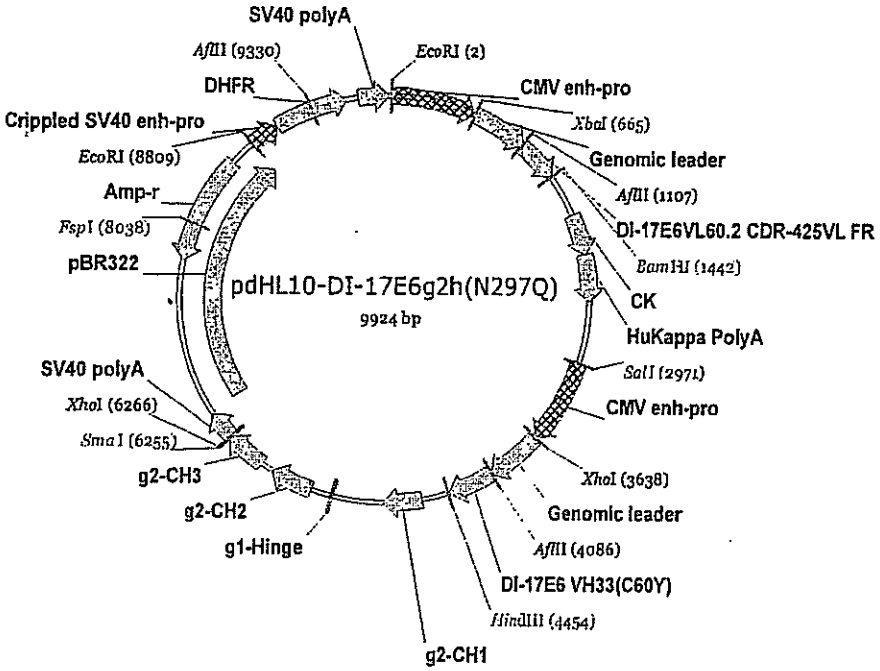

SV40 polyA
AflII (9330)
EcoRI (2)
DHFR
CMV enh-pro
Crippled SV40 enh-pro
XbaI (665)
EcoRI (8809)
Genomic leader
Amp-r
AflII (1107)
FspI (8038)
DI-17E6VL60.2 CDR-425VL FR
pBR322
BamHI (1442)
pdHL10-DI-17E6g2h(N297Q)
9924 bp
CK
HuKappa PolyA
SalI (2971)
SV40 polyA
CMV enh-pro
XhoI (6266)
SmaI (6255)
XhoI (3638)
g2-CH3
Genomic leader
g2-CH2
AflII (4086)
g1-Hinge
DI-17E6 VH33(C60Y)
HindIII (4454)
g2-CH1

Figure 16

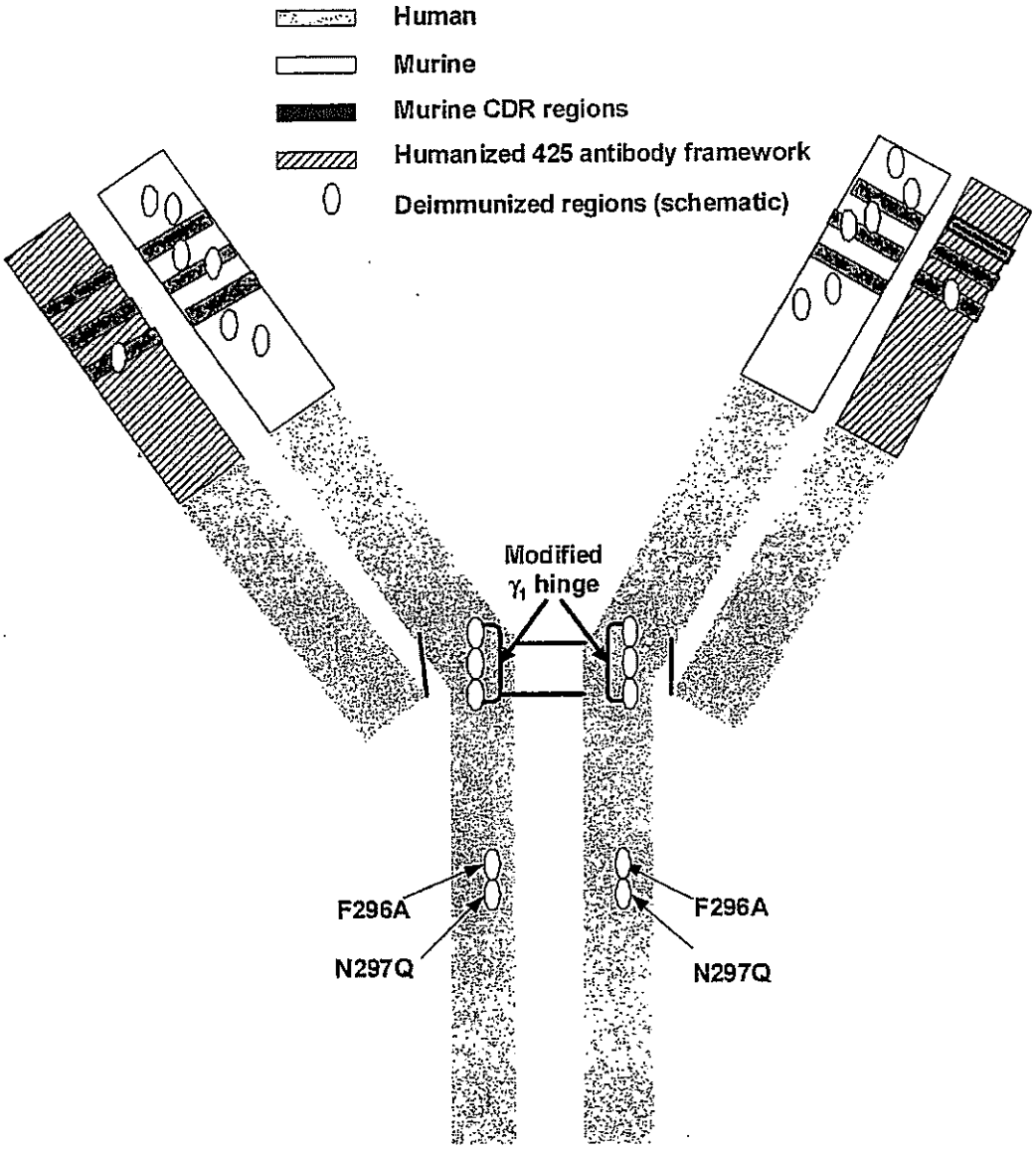

Human
Murine
Murine CDR regions
Humanized 425 antibody framework
Deimmunized regions (schematic)
Modified
γ_1 hinge
F296A
N297Q
F296A
N297Q

Figure 17A

ATGGAGTTGCCTGTTAGGCTGTTGGTGCTGATGTTCTGGATTCCTGgtgaggagagggaagtg
agggaggagaatggacagggagcaggagcactgaatcccattgctcattccatgtattctggcat
gggtgagaagatgggtcttatcctccagcatggggcctctggggtgaatacttgttagagggagg
ttccagatgggaacatgtgctataatgaagattatgaaatggatgcctgggatggtctaagtaat
gcctagaagtgactagacacttgcaattcacttttttggtaagaagagatttttaggctataaa
aaaatgttatgtaaaaataaacatcacagttgaaataaaaaaaaatataaggatgttcatgaatt
ttgtgtataactatgtatttctctctcattgtttcagCTTCCTTAAGCGACATCCAGATGACCCA
GAGCCCAAGCAGCCTGAGCGCCAGCGTGGGTGACAGAGTGACCATCACCTGTAGGGCAAGTCAGG
ACATTAGCAATTATTTAGCCTGGTACCAGCAGAAGCCAGGTAAGGCTCCAAAGCTGCTGATCTAC
TACACATCAAAAATCCACTCAGGTGTGCCAAGCAGATTCAGCGGTAGCGGTAGCGGTACCGACTA
CACCTTCACCATCAGCAGCCTCCAGCCAGAGGACATCGCCACCTACTACTGCCAACAGGGTAATA
*CGTTTCCGTACACGTTCGGCCAAGGGACCAAGGTGGAAATCAAAC*gtaagtggatcccgcaattc
taaactctgaggggtcggatgacgtggccattctttgcctaaagcattgagtttactgcaaggt
cagaaaagcatgcaaagccctcagaatggctgcaaagagctccaacaaaacaatttagaacttta
ttaaggaatagggggaagctaggaagaaactcaaaacatcaagattttaaatacgcttcttggtc
tccttgctataattatctgggataagcatgctgttttctgtctgtccctaacatgccctgtgatt
atccgcaaacaacacacccaagggcagaactttgttacttaaacaccatcctgtttgcttctttc
ctcagGAACTGTGGCTGCACCATCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTG
GAACTGCCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAG
GTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGCAAGGACAG
CACCTACAGCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACG
CCTGCGAAGTCACCCATCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGT
TAG SEQ ID No. 27

Figure 17B

GACATCCAGATGACCCAGAGCCCAAGCAGCCTGAGCGCCAGCGTGGGTGACAGAGTGACCATCAC
CTGTAGGGCAAGTCAGGACATTAGCAATTATTTAGCCTGGTACCAGCAGAAGCCAGGTAAGGCTC
CAAAGCTGCTGATCTACTACACATCAAAAATCCACTCAGGTGTGCCAAGCAGATTCAGCGGTAGC
GGTAGCGGTACCGACTACACCTTCACCATCAGCAGCCTCCAGCCAGAGGACATCGCCACCTACTA
CTGCCAACAGGGTAATACGTTTCCGTACACGTTCGGCCAAGGGACCAAGGTGGAAATCAAA
SEQ ID No. 29

Figure 17C

CGAACTGTGGCTGCACCATCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAC
TGCCTCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGG
ATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGCAAGGACAGCACC
TACAGCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTG
CGAAGTCACCCATCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGT
SEQ ID No. 31

Figure 18A

ATGGAGTTGCCTGTTAGGCTGTTGGTGCTGATGTTCTGGATTCCTGgtgaggagagggaagtg
agggaggagaatggacagggagcaggagcactgaatcccattgctcattccatgtattctggcat
gggtgagaagatgggtcttatcctccagcatggggcctctggggtgaatacttgttagagggagg
ttccagatgggaacatgtgctataatgaagattatgaaatggatgcctgggatggtctaagtaat
gcctagaagtgactagacacttgcaattcacttttttggtaagaagagattttaggctataaa
aaaatgttatgtaaaaataaacatcacagttgaaataaaaaaaaatataaggatgttcatgaatt
ttgtgtataactatgtatttctctctcattgtttcagCTTCCTTAAG*CCAGGTCCAGCTTCAGCA*
GTCTGGGGGCGAACTGGCCAAGCCTGGGGCCTCAGTGAAGGTGTCCTGCAAGGCTTCTGGCTACA
CCTTTAGTAGTTTCTGGATGCACTGGGTAAGACAGGCCCCTGGACAGGGTCTGGAATGGATTGGA
TACATTAATCCTAGATCTGGTTATACTGAGTATAATGAGATATTCAGGGACAAGGCCACAATGAC
TACCGACACCTCCACCAGCACAGCCTACATGGAGCTGAGTAGCCTGAGATCTGAGGACACCGCAG
TCTATTACTGTGCAAGTTTTCTGGGACGAGGGGCTATGGACTACTGGGGTCAAGGAACCACCGTC
*ACCGTCTCCTCA*Ggtgagtaagctttctggggcgagccgggcctgactttggctttggggcaggg
agtgggctaaggtgaggcaggtggcgccagccaggtgcacacccaatgcccgtgagcccagacac
tggaccctgcctggaccctcgtggatagacaagaaccgaggggcctctgcgcctgggcccagctc
tgtcccacaccgcggtcacatggcaccacctctcttgcagCCTCCACCAAGGGCCCATCGGTCTT
CCCCCTGGCGCCCTGCTCCAGGAGCACCTCCGAGAGCACAGCGGCCCTGGGCTGCCTGGTCAAGG
ACTACTTCCCCGAACCGGTGACGGTGTCGTGGAACTCAGGCGCTCTGACCAGCGGCGTGCACACC
TTCCCAGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAG
CAACTTCGGCACCCAGACCTACACCTGCAACGTAGATCACAAGCCCAGCAACACCAAGGTGGACA
AGACAGTT**G**gtgagaggccagctcagggagggagggtgtctgctggaagccaggctcagccctcc
tgcctggacgcaccccggctgtgcagccccagcccagggcagcaaggcaggccccatctgtctcc
tcacccggaggcctctgcccgccccactcatgctcagggagagggtcttctggctttttccacca
ggctccaggcaggcacaggctgggtgcccctaccccaggcccttcacacacaggggcaggtgctt
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ccaaactgtccactccctcagctcggacaccttctctcctcccagatccgagtaactcccaatct
tctctctgcag**AGCCCAAATCTTCTGACAAAACTCACACATGCCCACCGTGCCCA**Ggtaagccag
cccaggcctcgccctccagctcaaggcgggacaggtgccctagagtagcctgcatccagggacag
gccccagctgggtgctgacacgtccacctccatctcttcctcagCACCACCTGTGGCAGGACCGT
CAGTCTTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACG
TGCGTGGTGGTGGACGTGAGCCACGAAGACCCCGAGGTCCAGTTCAACTGGTACGTGGACGGCGT
GGAGGTGCATAATGCCAAGACAAAGCCACGGGAGGAGCAGGCCCAGAGCACGTTCCGTGTGGTCA
GCGTCCTCACCGTTGTGCACCAGGACTGGCTGAACGGCAAGGAGTACAAGTGCAAGGTCTCCAAC
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GACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTACCCCAGCGACATCGCCGTGG
AGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACACCTCCCATGCTGGACTCCGAC
GGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTT
CTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACACAGAAGAGCCTCTCCCTGTCCC
CGGGTAAATGA

SEQ ID No. 33

Figure 18B

CAGGTCCAGCTTCAGCAGTCTGGGGGCGAACTGGCCAAGCCTGGGGCCTCAGTGAAGGTGTCCTG
CAAGGCTTCTGGCTACACCTTTAGTAGTTTCTGGATGCACTGGGTAAGACAGGCCCCTGGACAGG
GTCTGGAATGGATTGGATACATTAATCCTAGATCTGGTTATACTGAGTATAATGAGATATTCAGG
GACAAGGCCACAATGACTACCGACACCTCCACCAGCACAGCCTACATGGAGCTGAGTAGCCTGAG
ATCTGAGGACACCGCAGTCTATTACTGTGCAAGTTTTCTGGGACGAGGGGCTATGGACTACTGGG
GTCAAGGAACCACCGTCACCGTCTCCTCA SEQ ID No. 35

Figure 18C

GCCTCCACCAAGGGCCCATCGGTCTTCCCCCTGGCGCCCTGCTCCAGGAGCACCTCCGAGAGCAC
AGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCCGAACCGGTGACGGTGTCGTGGAACTCAG
GCGCTCTGACCAGCGGCGTGCACACCTTCCCAGCTGTCCTACAGTCCTCAGGACTCTACTCCCTC
AGCAGCGTGGTGACCGTGCCCTCCAGCAACTTCGGCACCCAGACCTACACCTGCAACGTAGATCA
CAAGCCCAGCAACACCAAGGTGGACAAGACAGTT**GAGCCCAAATCTTCTGACAAAACTCACACAT**
GCCCACCGTGCCCAGCACCACCTGTGGCAGGACCGTCAGTCTTCCTCTTCCCCCCAAAACCCAAG
GACACCCTCATGATCTCCCGGACCCCTGAGGTCACGTGCGTGGTGGTGGACGTGAGCCACGAAGA
CCCCGAGGTCCAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACAAAGCCAC
GGGAGGAGCAGGCCCAGAGCACGTTCCGTGTGGTCAGCGTCCTCACCGTTGTGCACCAGGACTGG
CTGAACGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAAGGCCTCCCAGCCCCCATCGAGAAAAC
CATCTCCAAAACCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCACGGGAGG
AGATGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTACCCCAGCGACATCGCC
GTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACACCTCCCATGCTGGACTC
CGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACG
TCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACACAGAAGAGCCTCTCCCTG
TCCCCGGGTAAA SEQ ID No. 37

Figure 18D

GAGCCCAAATCTTCTGACAAAACTCACACATGCCCACCGTGCCCA SEQ ID No. 39

Figure 19A

CAGGTCCAGCTTCAGCAGTCTGGGGGCGAACTGGCCAAGCCTGGGGCCTCAGTGAAGGTGTCCTG
CAAGGCTTCTGGCTACACCTTTAGTAGTTTCTGGATGCACTGGGTAAGACAGGCCCCTGGACAGG
GTCTGGAATGGATTGGATACATTAATCCTAGATCTGGTTATACTGAGTATAATGAGATATTCAGG
GACAAGGCCACAATGACTACCGACACCTCCACCAGCACAGCCTACATGGAGCTGAGTAGCCTGAG
ATCTGAGGACACCGCAGTCTATTACTGTGCAAGTTTTCTGGGACGAGGGGCTATGGACTACTGGG
GTCAAGGAACCACCGTCACCGTCTCCTCAGCCTCCACCAAGGGCCCATCGGTCTTCCCCCTGGCG
CCCTGCTCCAGGAGCACCTCCGAGAGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCGTGGAACTCAGGCGCTCTGACCAGCGGCGTGCACACCTTCCCAGCTG
TCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAGCAACTTCGGC
ACCCAGACCTACACCTGCAACGTAGATCACAAGCCCAGCAACACCAAGGTGGACAAGACAGTT**GA**
GCCCAAATCTTCTGACAAAACTCACACATGCCCACCGTGCCCAGCACCACCTGTGGCAGGACCGT
CAGTCTTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACG
TGCGTGGTGGTGGACGTGAGCCACGAAGACCCCGAGGTCCAGTTCAACTGGTACGTGGACGGCGT
GGAGGTGCATAATGCCAAGACAAAGCCACGGGAGGAGCAGGCCCAGAGCACGTTCCGTGTGGTCA
GCGTCCTCACCGTTGTGCACCAGGACTGGCTGAACGGCAAGGAGTACAAGTGCAAGGTCTCCAAC
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TACAAGACCACACCTCCCATGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGT
GGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACA
ACCACTACACACAGAAGAGCCTCTCCCTGTCCCCGGGTAAA SEQ ID No. 41

Figure 19B

GACATCCAGATGACCCAGAGCCCAAGCAGCCTGAGCGCCAGCGTGGGTGACAGAGTGACCATCAC
CTGTAGGGCAAGTCAGGACATTAGCAATTATTTAGCCTGGTACCAGCAGAAGCCAGGTAAGGCTC
CAAAGCTGCTGATCTACTACACATCAAAAATCCACTCAGGTGTGCCAAGCAGATTCAGCGGTAGC
GGTAGCGGTACCGACTACACCTTCACCATCAGCAGCCTCCAGCCAGAGGACATCGCCACCTACTA
CTGCCAACAGGGTAATACGTTTCCGTACACGTTCGGCCAAGGGACCAAGGTGGAAATCAAACGAA
CTGTGGCTGCACCATCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAACTGCC
TCTGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGGATAA
CGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGCAAGGACAGCACCTACA
GCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAA
GTCACCCATCAGGGCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGT
SEQ ID No. 43

Figure 20A

DIQMTQTTSSLSASLGDRVIISC**RASQDISNYLS**WYQQKPDGTVKLLIF**YTSKLH**
SGVPSRFSGSGSGTDYSLTISNLDQEDIATYFC**QQGNTFPYT**FGGGTKVEMR
(SEQ ID No. 25):

Figure 20B

QVQLQQSGAELAEPGASVKMSCKASGYTFS**SFWMH**WVKQRPGQGLEWIG**YINPRS**
GYTECNEIFRDKATMTADTSSSTAYMQLSGLTSEDSAVYYCAS**FLGRGAMDY**WGQ
GTSVTVSS (SEQ ID No. 26):

Figure 21A

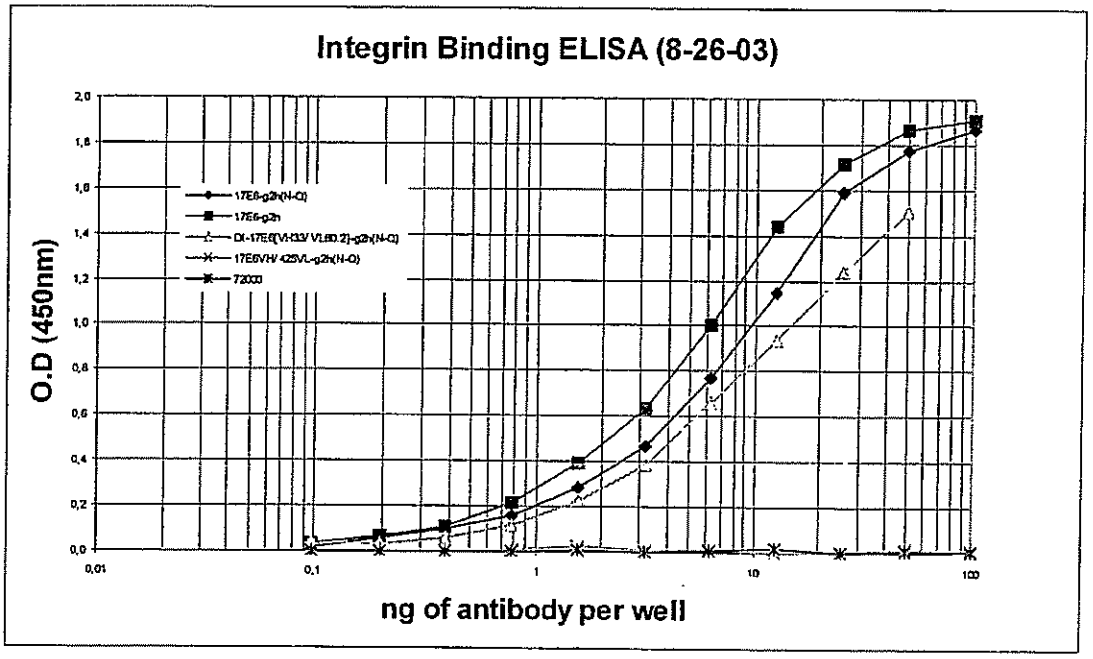


Figure 21B

