Figure 1

(a) Light Chain variable region of antibody A26 (SEQ ID NO:7)

DIQMTQSPSSLSASVGDRVTITCRATQSIYNALAWYQQKPGKAPKLLIYNANTLHTGVPSRF
SASGSGTDSTLTISSLQPEDFATYYCQQYYDYPLTFGGGTKVEIKR

(b) Heavy chain variable region of antibody A26 (SEQ ID NO:9)

EVQLVESGGGLVQPGGSLRLSCAASGFTFTNYGIHWIRQAPGKGLEWVASISPSGGLTYYRD
SVKGRFTISRDDAKNSPYLQMNSLRAEDTAVYYCATGGEGIFDYWGQGTLVTVSS

(c)

CDRH1: NYGIH (SEQ ID NO:1)

CDRH2: SISPSGGLTYYRDSVKG (SEQ ID NO:2)

SISPSGGLTYYRDSVEG (SEQ ID NO:20)

CDRH3: GGEGIFDY (SEQ ID NO:3)

CDRL1: RATQSIYNALA (SEQ ID NO:4)

RATEDIYNALA (SEQ ID NO:21)

CDRL2: NANTLHT (SEQ ID NO:5)

CDRL3: QQYYDYPLT (SEQ ID NO:6)

(d) Light chain of antibody A26 (SEQ ID NO:11)

DIQMTQSPSSLSASVGDRVTITCRATQSIYNALAWYQQKPGKAPKLLIYNANTLHTGVPSRF
SASGSGTDSTLTISSLQPEDFATYYCQQYYDYPLTFGGGTKVEIKRTVAAPSVFIFPPSDEQ
LKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADY
EKHKVYACEVTHQGLSSPVTKSFNRGEC

(e) Light chain of antibody A26 including signal sequence (SEQ ID NO:12)

MKKTAIAIAVALAGFATVAQADIQMTQSPSSLSASVGDRVTITCRATQSIYNALAWYQQKPG
KAPKLLIYNANTLHTGVPSRFSASGSGTDSTLTISSLQPEDFATYYCQQYYDYPLTFGGGTK
VEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTE
QDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

Figure 1 continued

(f) Heavy chain of antibody A26 (SEQ ID NO:15)

EVQLVESGGGLVQPGGSLRLSCAASGFTFTNYGIHWIRQAPGKGLEWVASISPSGGLTYYRD
SVKGRFTISRDDAKNSPYLQMNSLRAEDTAVYYCATGGEGIFDYWGQGTLVTVSSASTKGPS
VFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVV
TVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCAA

(g) Heavy chain of antibody A26 including signal sequence (SEQ ID NO:16)

MKKTAIAIAVALAGFATVAQAEVQLVESGGGLVQPGGSLRLSCAASGFTFTNYGIHWIRQAP
GKGLEWVASISPSGGLTYYRDSVKGRFTISRDDAKNSPYLQMNSLRAEDTAVYYCATGGEGI
FDYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTS
GVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCA
A

(h) DNA encoding Light chain variable region of antibody A26 (SEQ ID NO:8)

GATATCCAGATGACCCAGAGTCCAAGCAGTCTCTCCGCCAGCGTAGGCGATCGTGTGACTATTACCTG
TCGTGCAACCCAGAGCATCTACAACGCTCTGGCTTGGTATCAGCAGAAACCGGGTAAAGCGCCAAAAC
TCCTGATCTACAACGCGAACACTCTGCATACCGGTGTTCCGTCTCGTTTCTCTGCGTCTGGTTCTGGT
ACGGACTCTACTCTGACCATCTCCTCTCTGCAGCCGGAAGATTTCGCGACCTACTACTGCCAGCAGTA
CTACGATTACCCACTGACGTTTGGTGGTGGTACCAAAGTTGAGATCAAACGT

Figure 1 continued

(i) DNA encoding Heavy chain variable region of antibody A26 (SEQ ID NO:10)

GAGGTTCAGCTGGTCGAGTCTGGAGGCGGGCTTGTCCAGCCTGGAGGGAGCCTGCGTCTCTC
TTGTGCAGCAAGCGGTTTCACGTTCACCAACTACGGTATCCACTGGATTCGTCAGGCACCAG
GTAAAGGTCTGGAATGGGTAGCCTCTATCTCTCCGTCTGGTGGTCTGACGTACTACCGTGAC
TCTGTCAAAGGTCGTTTCACCATCTCTCGTGATGACGCGAAAAACTCTCCGTACCTGCAGAT
GAACTCTCTGCGTGCAGAAGATACCGCAGTGTACTACTGCGCTACTGGTGGTGAAGGTATCT
TCGACTACTGGGGTCAGGGTACCCTGGTAACTGTCTCGAGC

(j) DNA encoding Light chain of antibody A26 (SEQ ID NO:13)

GATATCCAGATGACCCAGAGTCCAAGCAGTCTCTCCGCCAGCGTAGGCGATCGTGTGACTAT
TACCTGTCGTGCAACCCAGAGCATCTACAACGCTCTGGCTTGGTATCAGCAGAAACCGGGTA
AAGCGCCAAAACTCCTGATCTACAACGCGAACACTCTGCATACCGGTGTTCCGTCTCGTTTC
TCTGCGTCTGGTTCTGGTACGGACTCTACTCTGACCATCTCCTCTCTGCAGCCGGAAGATTT
CGCGACCTACTACTGCCAGCAGTACTACGATTACCCACTGACGTTTGGTGGTGGTACCAAAG
TTGAGATCAAACGTACGGTTGCAGCTCCATCCGTCTTCATCTTTCCACCGTCTGACGAACAG
CTCAAATCTGGTACTGCTTCTGTCGTTTGCCTCCTGAACAACTTCTATCCGCGTGAAGCGAA
AGTCCAGTGGAAAGTCGACAACGCACTCCAGTCTGGTAACTCTCAGGAATCTGTGACCGAAC
AGGACTCCAAAGACTCCACCTACTCTCTGTCTAGCACCCTGACTCTGTCCAAAGCAGACTAC
GAGAAACACAAAGTGTACGCTTGCGAAGTTACCCATCAGGGTCTGTCTTCTCCGGTTACCAA
AAGCTTTAATAGAGGGGAGTGTTAA

(k) DNA encoding Light chain of antibody A26 including signal sequence (SEQ ID NO:14)

ATGAAAAAGACAGCTATCGCAATTGCAGTGGCCTTGGCTGGTTTCGCTACCGTAGCGCAAGC
TGATATCCAGATGACCCAGAGTCCAAGCAGTCTCTCCGCCAGCGTAGGCGATCGTGTGACTA
TTACCTGTCGTGCAACCCAGAGCATCTACAACGCTCTGGCTTGGTATCAGCAGAAACCGGGT
AAAGCGCCAAAACTCCTGATCTACAACGCGAACACTCTGCATACCGGTGTTCCGTCTCGTTT
CTCTGCGTCTGGTTCTGGTACGGACTCTACTCTGACCATCTCCTCTCTGCAGCCGGAAGATT
TCGCGACCTACTACTGCCAGCAGTACTACGATTACCCACTGACGTTTGGTGGTGGTACCAAA
GTTGAGATCAAACGTACGGTTGCAGCTCCATCCGTCTTCATCTTTCCACCGTCTGACGAACA
GCTCAAATCTGGTACTGCTTCTGTCGTTTGCCTCCTGAACAACTTCTATCCGCGTGAAGCGA
AAGTCCAGTGGAAAGTCGACAACGCACTCCAGTCTGGTAACTCTCAGGAATCTGTGACCGAA
CAGGACTCCAAAGACTCCACCTACTCTCTGTCTAGCACCCTGACTCTGTCCAAAGCAGACTA
CGAGAAACACAAAGTGTACGCTTGCGAAGTTACCCATCAGGGTCTGTCTTCTCCGGTTACCA
AAAGCTTTAATAGAGGGGAGTGTTAA

Figure 1 continued

(l) DNA encoding Heavy chain of antibody A26 (SEQ ID NO:17)

GAGGTTCAGCTGGTCGAGTCTGGAGGCGGGCTTGTCCAGCCTGGAGGGAGCCTGCGTCTCTC
TTGTGCAGCAAGCGGTTTCACGTTCACCAACTACGGTATCCACTGGATTCGTCAGGCACCAG
GTAAAGGTCTGGAATGGGTAGCCTCTATCTCTCCGTCTGGTGGTCTGACGTACTACCGTGAC
TCTGTCAAAGGTCGTTTCACCATCTCTCGTGATGACGCGAAAAACTCTCCGTACCTGCAGAT
GAACTCTCTGCGTGCAGAAGATACCGCAGTGTACTACTGCGCTACTGGTGGTGAAGGTATCT
TCGACTACTGGGGTCAGGGTACCCTGGTAACTGTCTCGAGCGCTTCTACCAAAGGTCCGAGC
GTTTTCCCACTGGCTCCGAGCTCTAAATCCACCTCTGGTGGTACGGCTGCACTGGGTTGCCT
GGTGAAAGACTACTTCCCAGAACCAGTTACCGTGTCTTGGAACTCTGGTGCACTGACCTCTG
GTGTTCACACCTTTCCAGCAGTTCTGCAGTCTTCTGGTCTGTACTCCCTGTCTAGCGTGGTT
ACCGTTCCGTCTTCTTCTCTGGGTACTCAGACCTACATCTGCAACGTCAACCACAAACCGTC
CAACACGAAAGTGGACAAAAAAGTCGAGCCGAAATCCTGTGACAAAACCCATACCTGCGCTG
CGTAA

(m) DNA encoding Heavy chain of antibody A26 including signal sequence (SEQ ID NO:18)

ATGAAGAAGACTGCTATAGCAATTGCAGTGGCGCTAGCTGGTTTCGCCACCGTGGCGCAAGC
TGAGGTTCAGCTGGTCGAGTCTGGAGGCGGGCTTGTCCAGCCTGGAGGGAGCCTGCGTCTCT
CTTGTGCAGCAAGCGGTTTCACGTTCACCAACTACGGTATCCACTGGATTCGTCAGGCACCA
GGTAAAGGTCTGGAATGGGTAGCCTCTATCTCTCCGTCTGGTGGTCTGACGTACTACCGTGA
CTCTGTCAAAGGTCGTTTCACCATCTCTCGTGATGACGCGAAAAACTCTCCGTACCTGCAGA
TGAACTCTCTGCGTGCAGAAGATACCGCAGTGTACTACTGCGCTACTGGTGGTGAAGGTATC
TTCGACTACTGGGGTCAGGGTACCCTGGTAACTGTCTCGAGCGCTTCTACCAAAGGTCCGAG
CGTTTTCCCACTGGCTCCGAGCTCTAAATCCACCTCTGGTGGTACGGCTGCACTGGGTTGCC
TGGTGAAAGACTACTTCCCAGAACCAGTTACCGTGTCTTGGAACTCTGGTGCACTGACCTCT
GGTGTTCACACCTTTCCAGCAGTTCTGCAGTCTTCTGGTCTGTACTCCCTGTCTAGCGTGGT
TACCGTTCCGTCTTCTTCTCTGGGTACTCAGACCTACATCTGCAACGTCAACCACAAACCGT
CCAACACGAAAGTGGACAAAAAAGTCGAGCCGAAATCCTGTGACAAAACCCATACCTGCGCT
GCGTAA

Figure 1 continued

(n) DNA encoding heavy and light chain of antibody A26 including intergenic sequence IGS2 (SEQ ID NO:19)

ATGAAAAAGACAGCTATCGCAATTGCAGTGGCCTTGGCTGGTTTCGCTACCGTAGCGCAAGC
TGATATCCAGATGACCCAGAGTCCAAGCAGTCTCTCCGCCAGCGTAGGCGATCGTGTGACTA
TTACCTGTCGTGCAACCCAGAGCATCTACAACGCTCTGGCTTGGTATCAGCAGAAACCGGGT
AAAGCGCCAAAACTCCTGATCTACAACGCGAACACTCTGCATACCGGTGTTCCGTCTCGTTT
CTCTGCGTCTGGTTCTGGTACGGACTCTACTCTGACCATCTCCTCTCTGCAGCCGGAAGATT
TCGCGACCTACTACTGCCAGCAGTACTACGATTACCCACTGACGTTTGGTGGTGGTACCAAA
GTTGAGATCAAACGTACGGTTGCAGCTCCATCCGTCTTCATCTTTCCACCGTCTGACGAACA
GCTCAAATCTGGTACTGCTTCTGTCGTTTGCCTCCTGAACAACTTCTATCCGCGTGAAGCGA
AAGTCCAGTGGAAAGTCGACAACGCACTCCAGTCTGGTAACTCTCAGGAATCTGTGACCGAA
CAGGACTCCAAAGACTCCACCTACTCTCTGTCTAGCACCCTGACTCTGTCCAAAGCAGACTA
CGAGAAACACAAAGTGTACGCTTGCGAAGTTACCCATCAGGGTCTGTCTTCTCCGGTTACCA
AAAGCTTTAATAGAGGGGAGTGTTAAAATGAAGAAGACTGCTATAGCAATTGCAGTGGCGCT
AGCTGGTTTCGCCACCGTGGCGCAAGCTGAGGTTCAGCTGGTCGAGTCTGGAGGCGGGCTTG
TCCAGCCTGGAGGGAGCCTGCGTCTCTCTTGTGCAGCAAGCGGTTTCACGTTCACCAACTAC
GGTATCCACTGGATTCGTCAGGCACCAGGTAAAGGTCTGGAATGGGTAGCCTCTATCTCTCC
GTCTGGTGGTCTGACGTACTACCGTGACTCTGTCAAAGGTCGTTTCACCATCTCTCGTGATG
ACGCGAAAAACTCTCCGTACCTGCAGATGAACTCTCTGCGTGCAGAAGATACCGCAGTGTAC
TACTGCGCTACTGGTGGTGAAGGTATCTTCGACTACTGGGGTCAGGGTACCCTGGTAACTGT
CTCGAGCGCTTCTACCAAAGGTCCGAGCGTTTTCCCACTGGCTCCGAGCTCTAAATCCACCT
CTGGTGGTACGGCTGCACTGGGTTGCCTGGTGAAAGACTACTTCCCAGAACCAGTTACCGTG
TCTTGGAACTCTGGTGCACTGACCTCTGGTGTTCACACCTTTCCAGCAGTTCTGCAGTCTTC
TGGTCTGTACTCCCTGTCTAGCGTGGTTACCGTTCCGTCTTCTTCTCTGGGTACTCAGACCT
ACATCTGCAACGTCAACCACAAACCGTCCAACACGAAAGTGGACAAAAAAGTCGAGCCGAAA
TCCTGTGACAAAACCCATACCTGCGCTGCGTAA

Figure 2

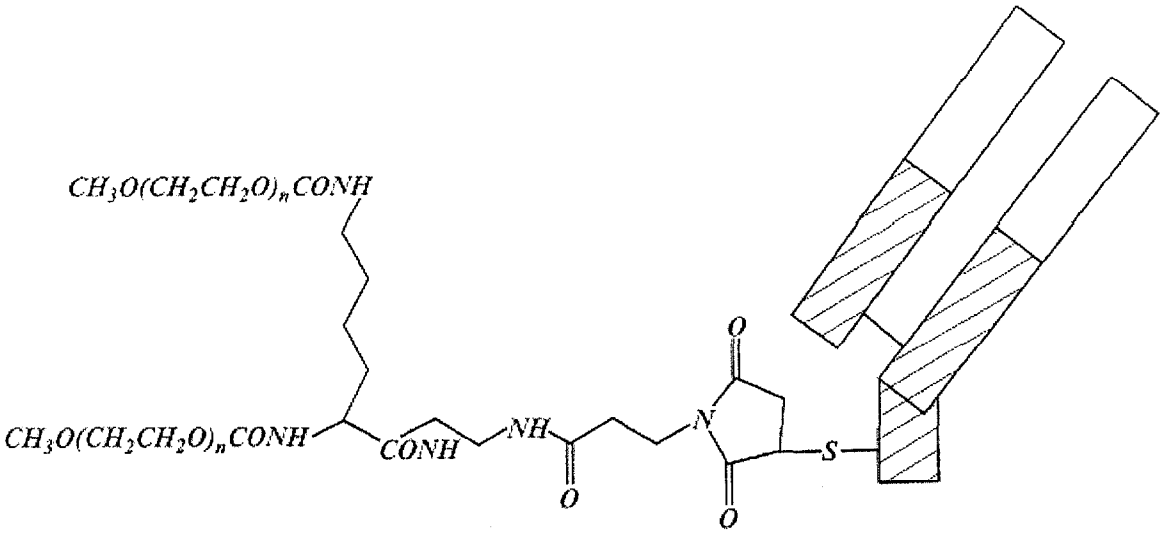


Figure 3

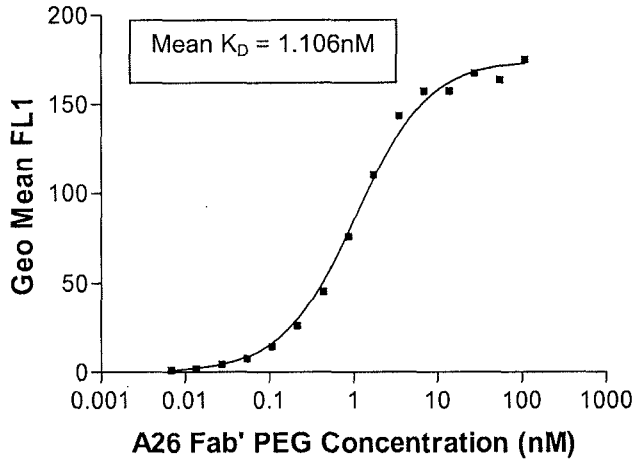


Figure 4

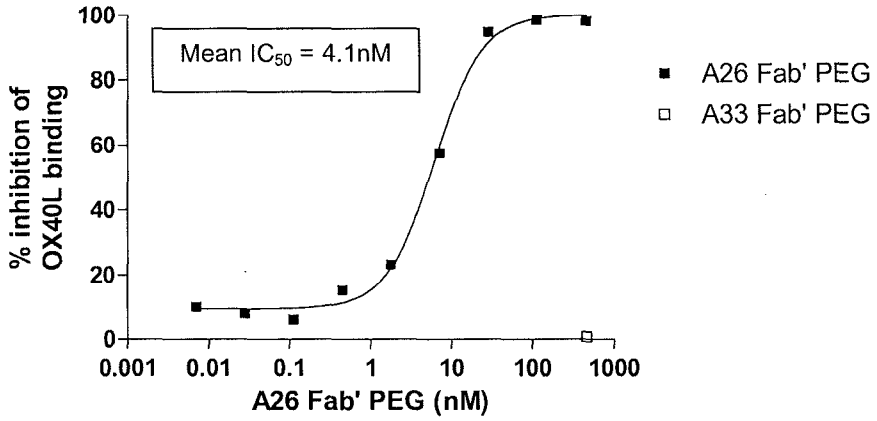


Figure 5

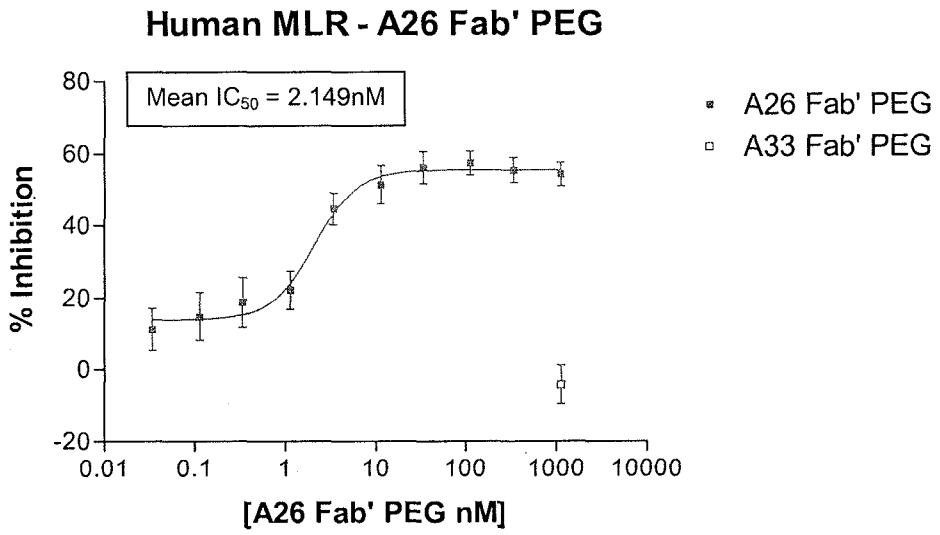


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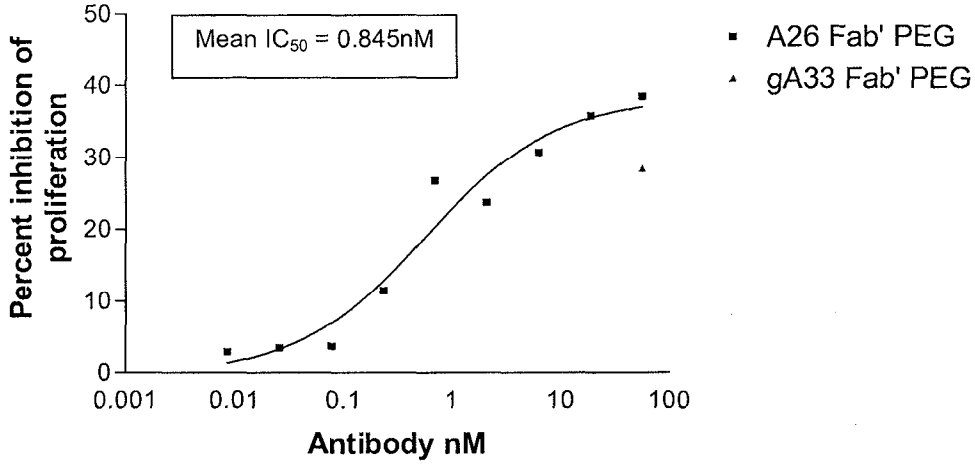


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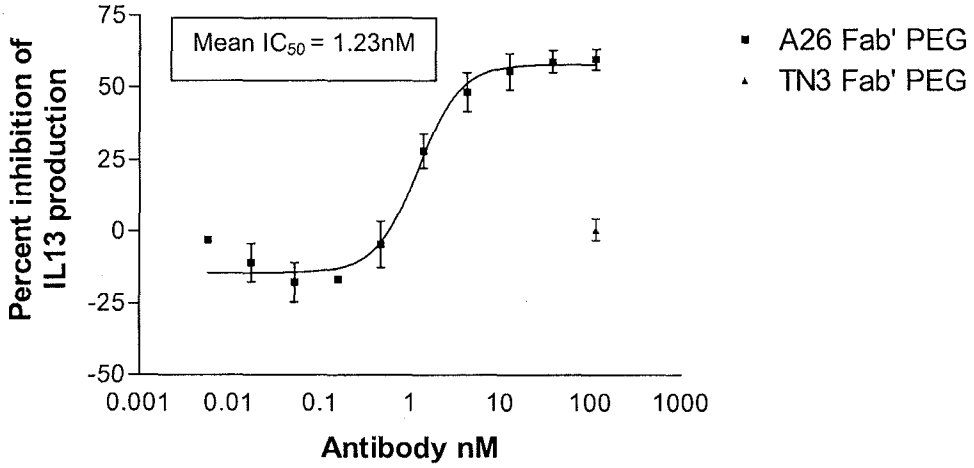


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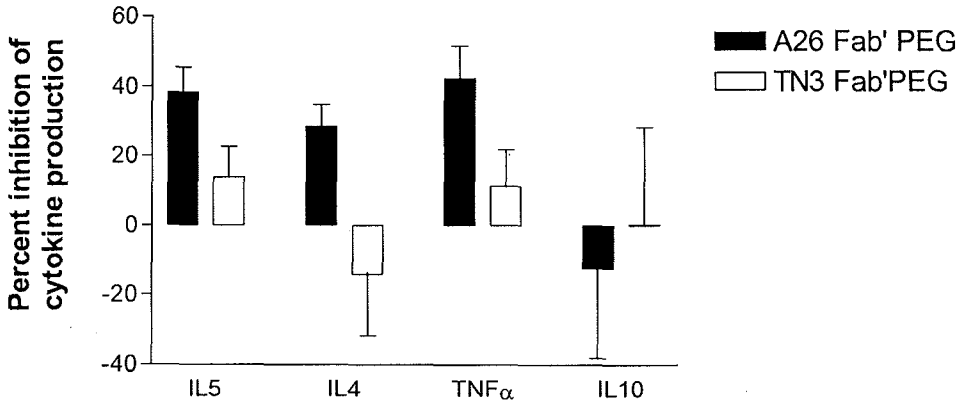


Figure 9

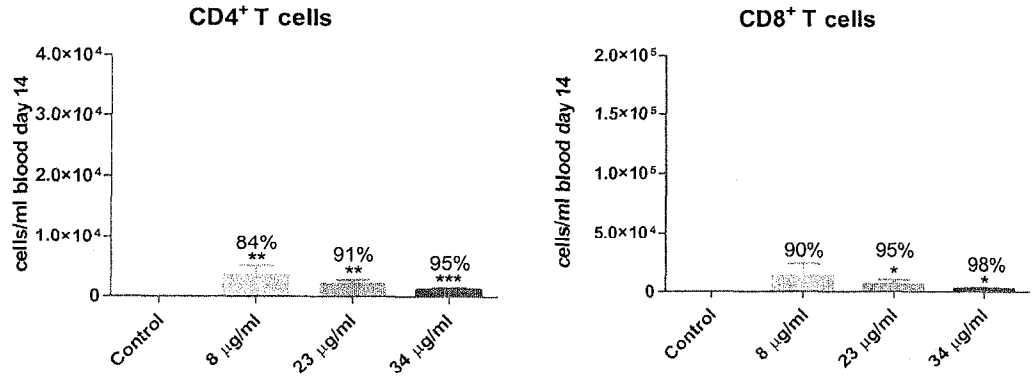


Figure 10

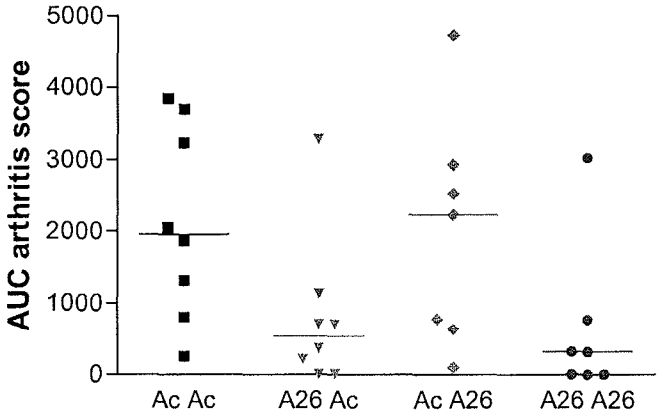


Figure 11

