

FIGURE 1

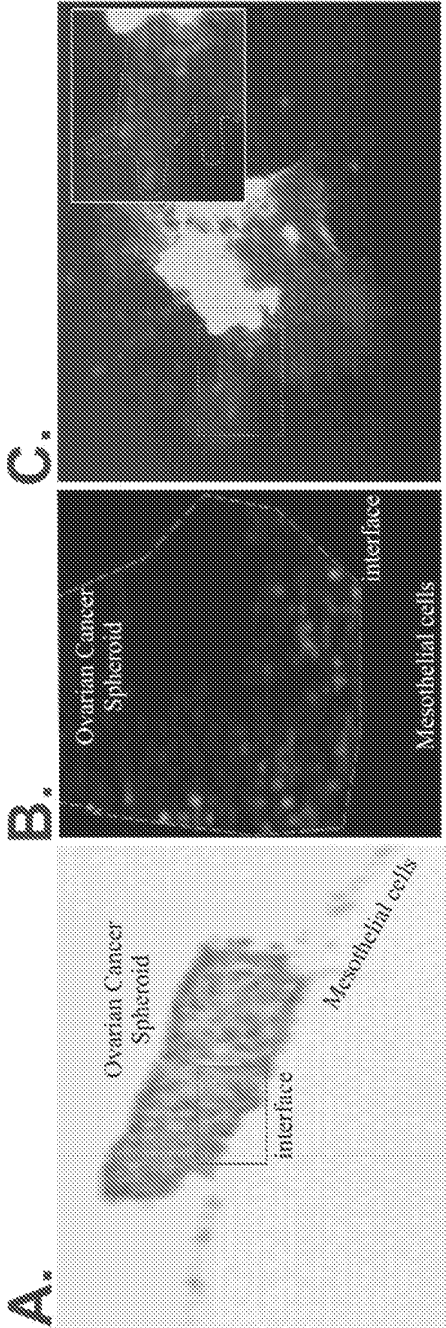


FIGURE 2

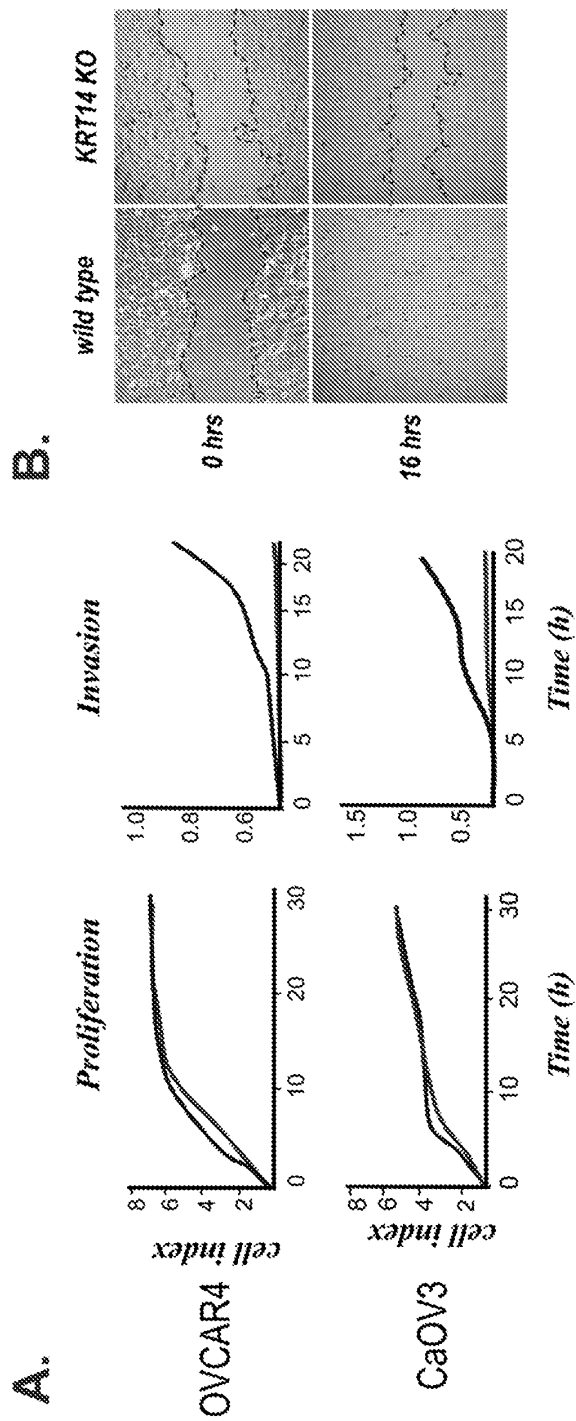


FIGURE 3

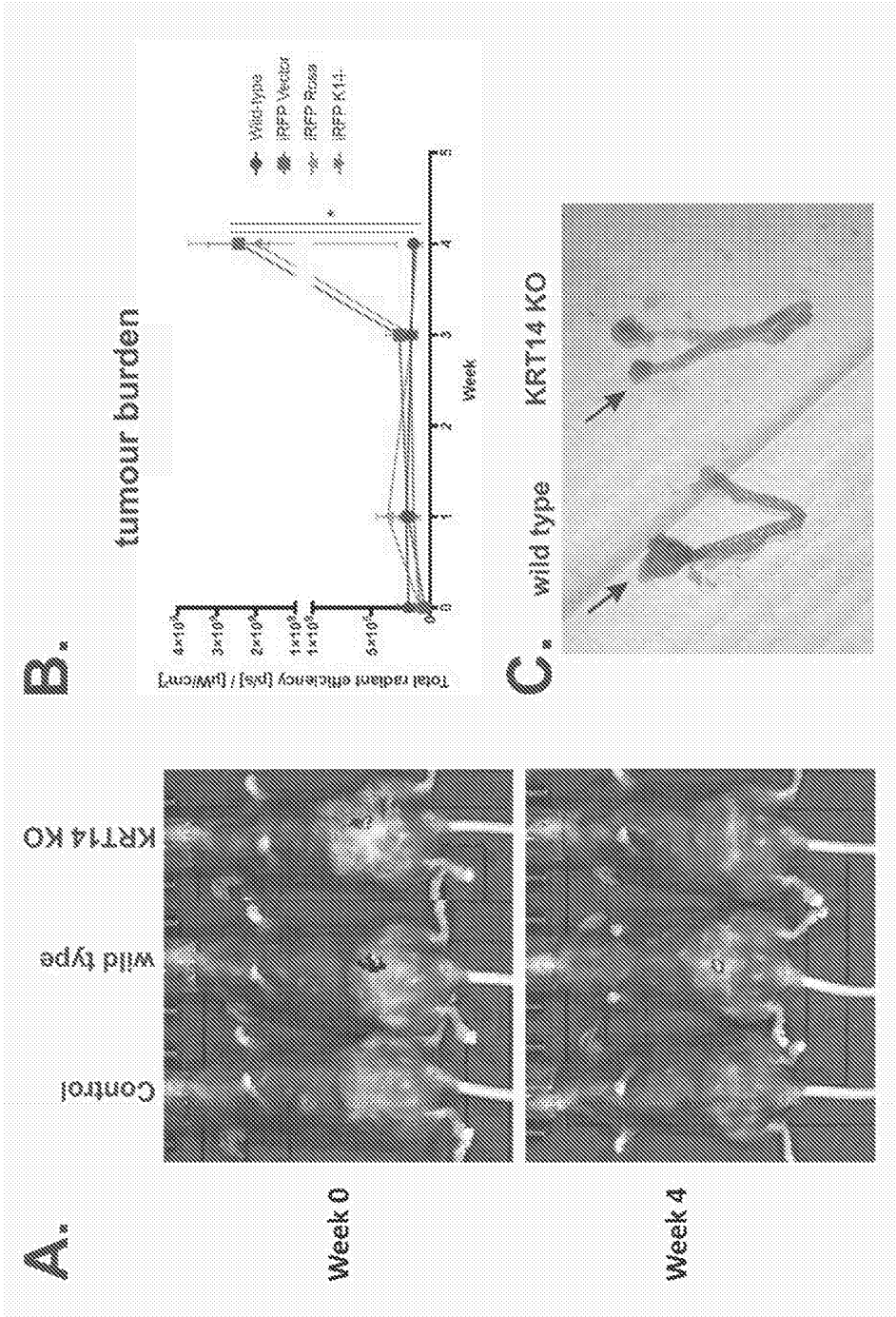
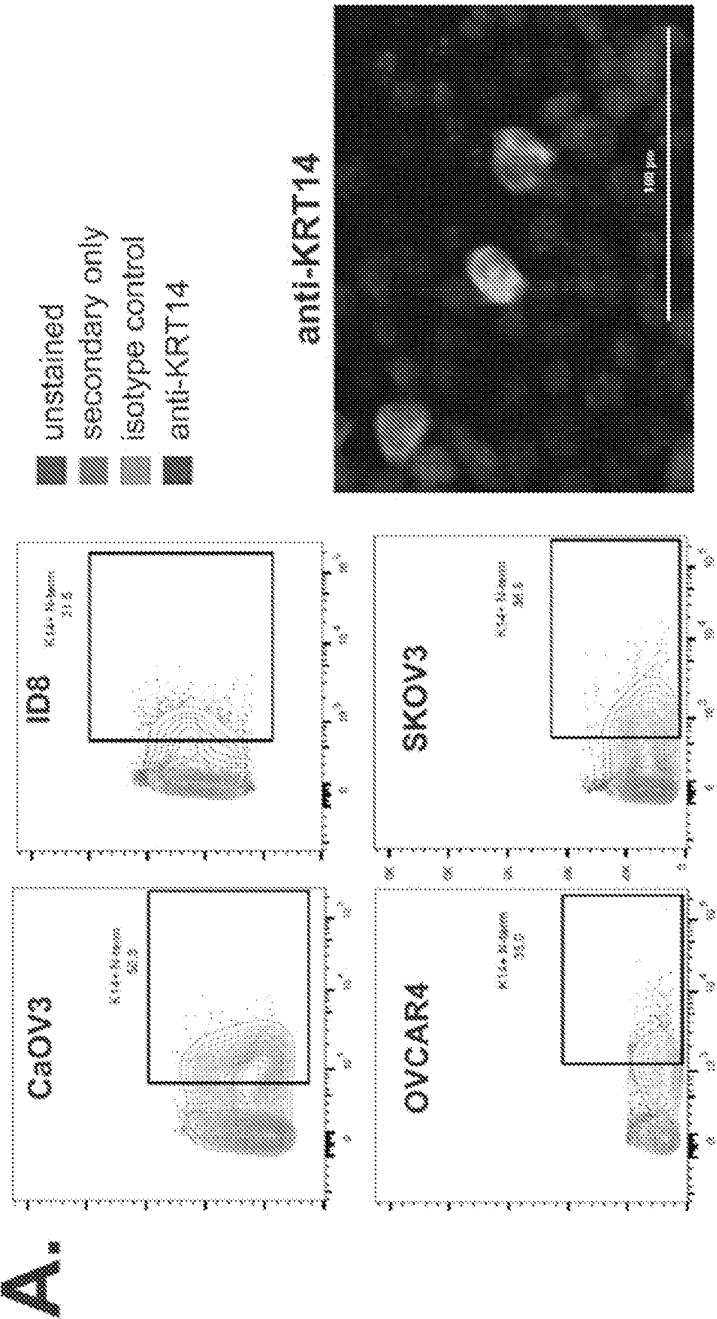


FIGURE 4



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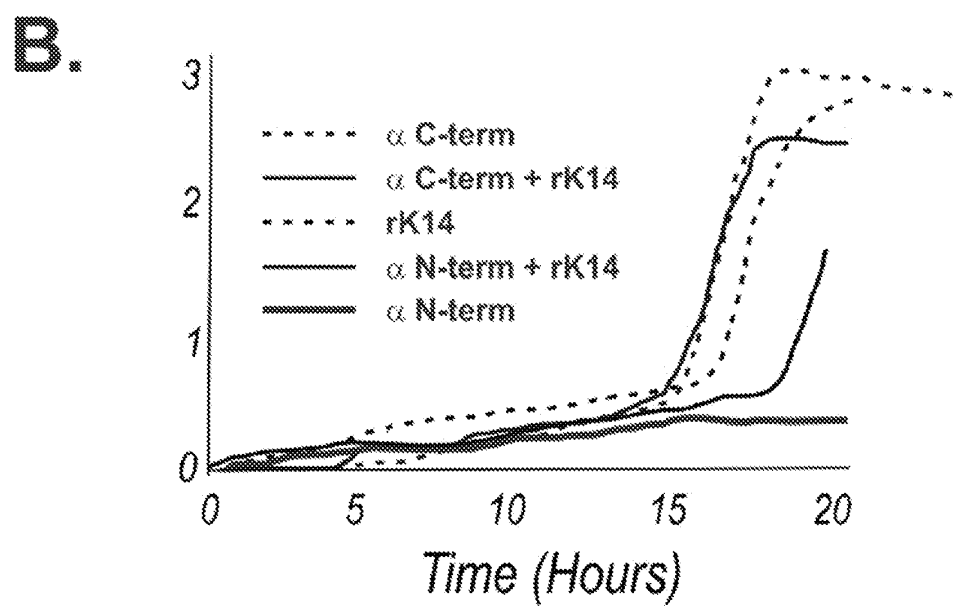
FIGURE 4 (continued)

FIGURE 5

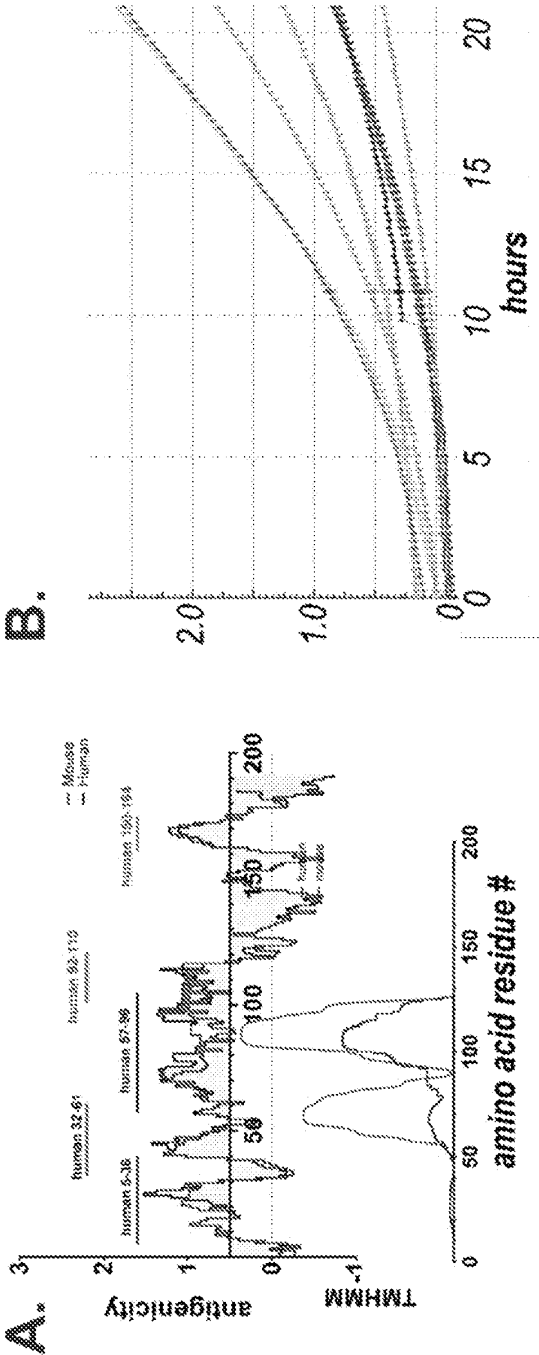


FIGURE 5 (continued)

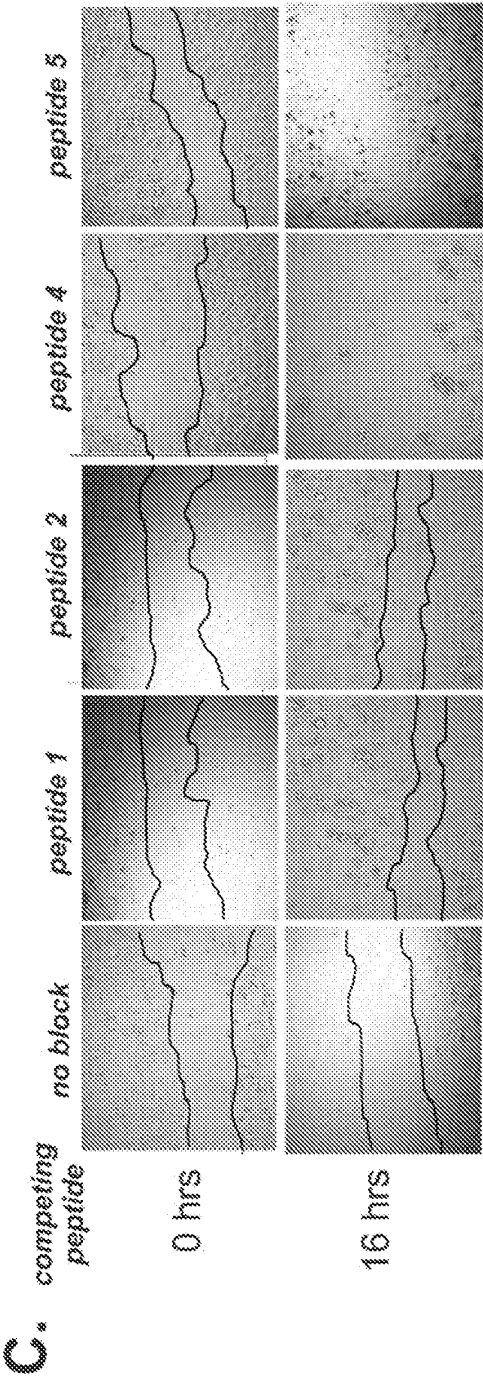
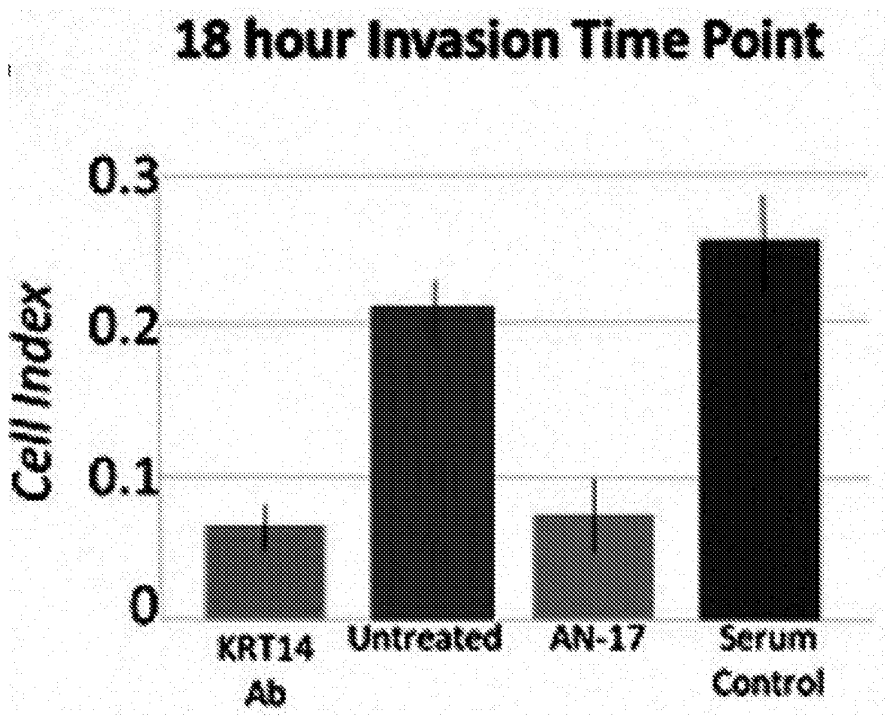


FIGURE 6

A



B

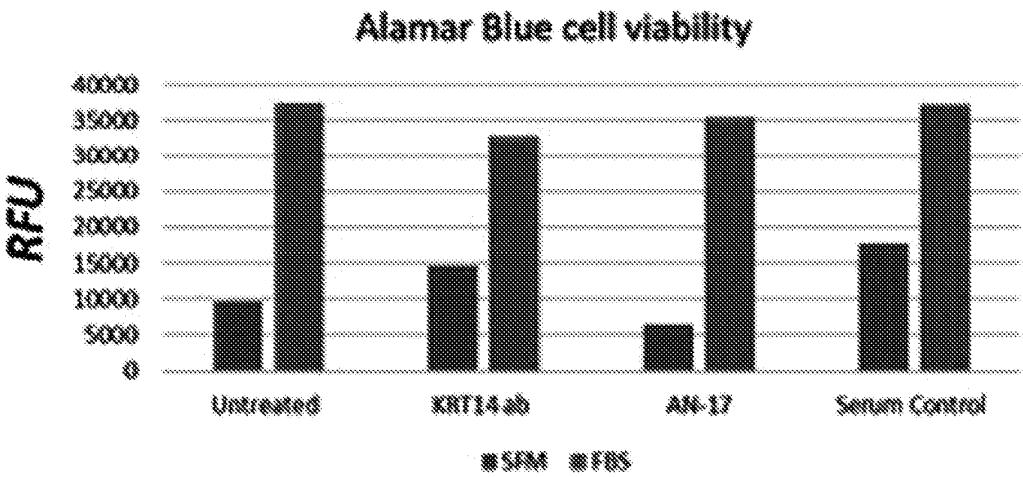


FIGURE 7

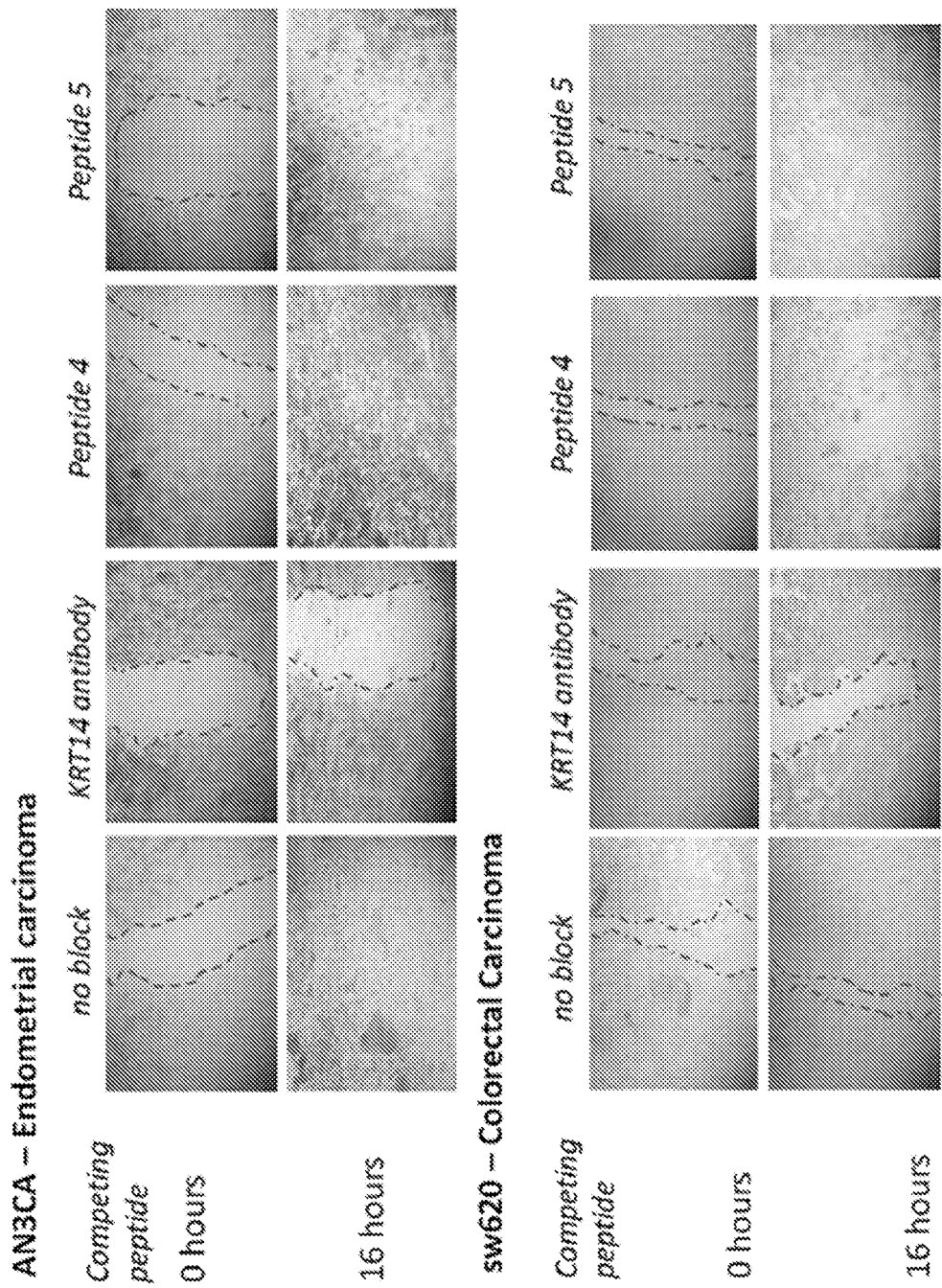
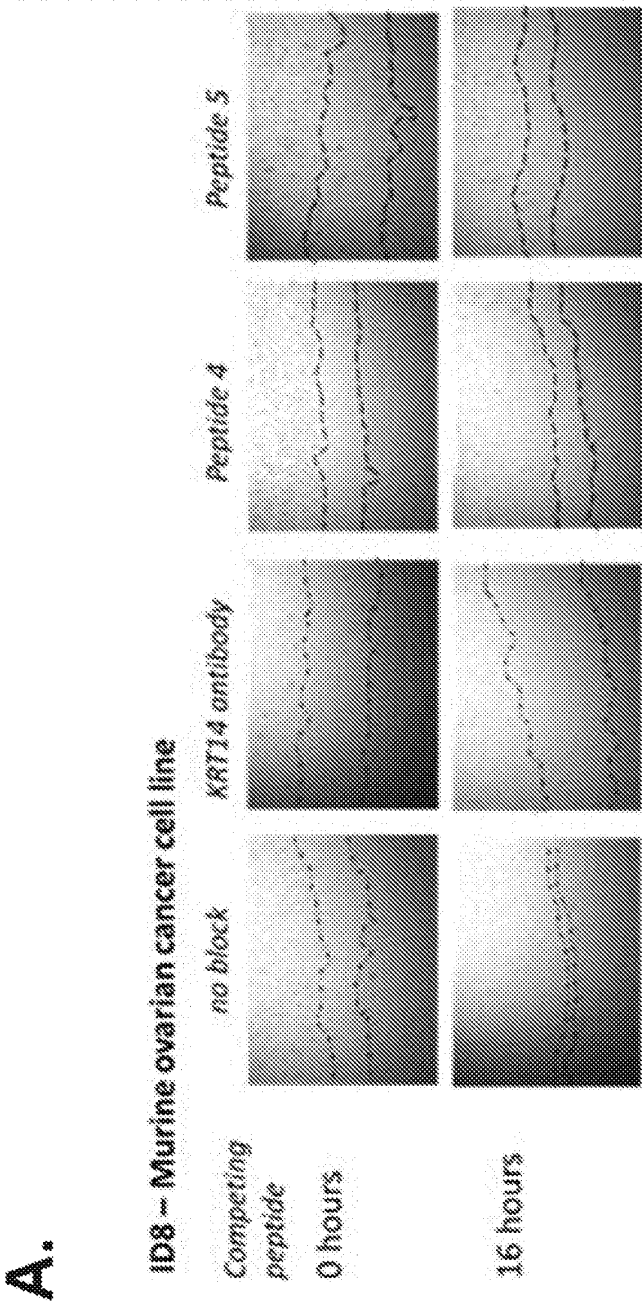
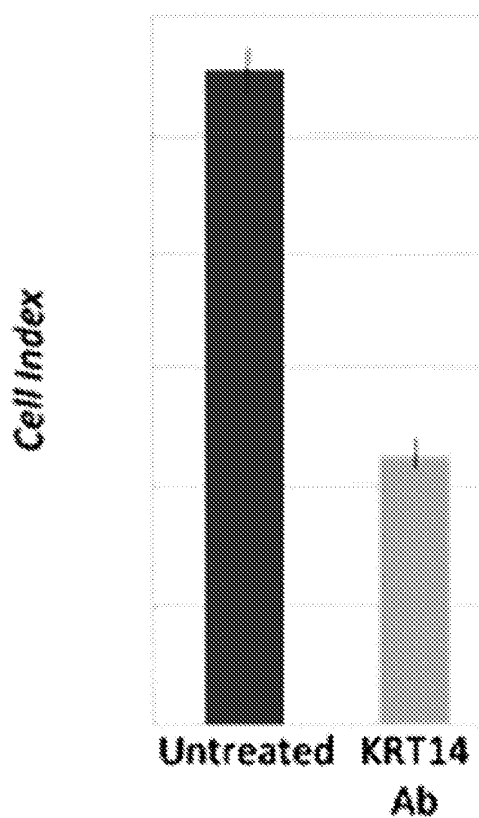


FIGURE 8

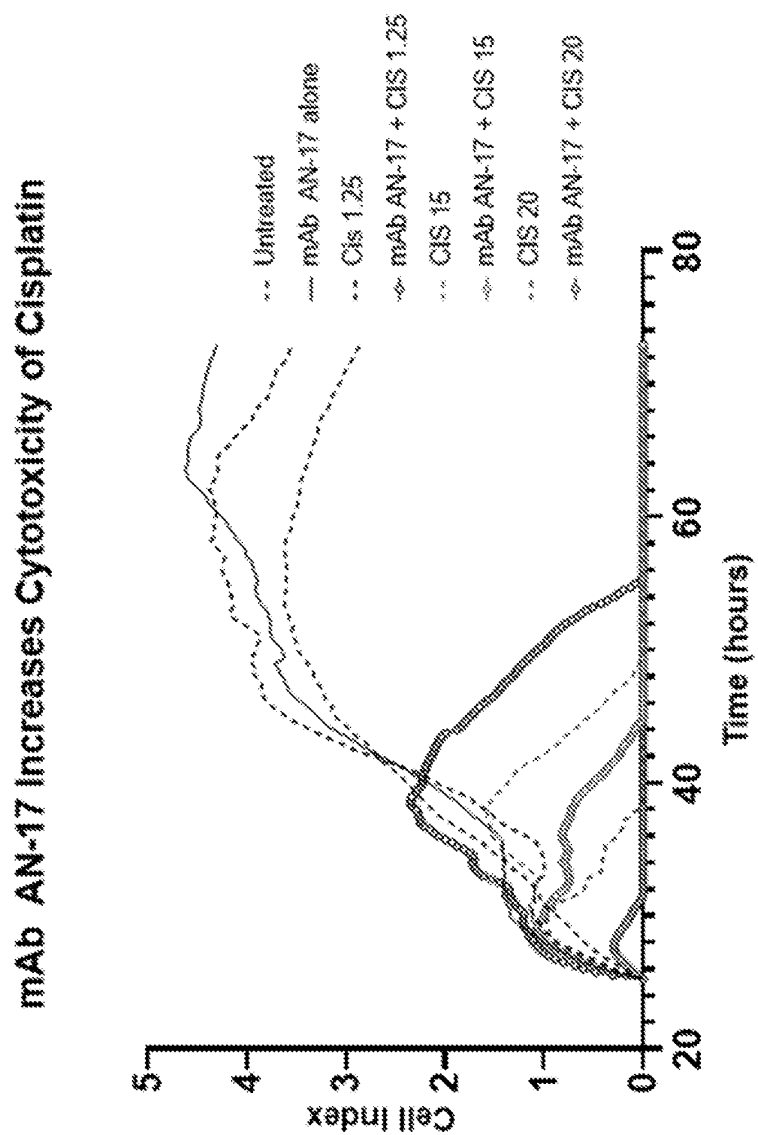


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FIGURE 8 (continued)**B.****ID8 18 hour Invasion Time Point**

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FIGURE 9



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FIGURE 10

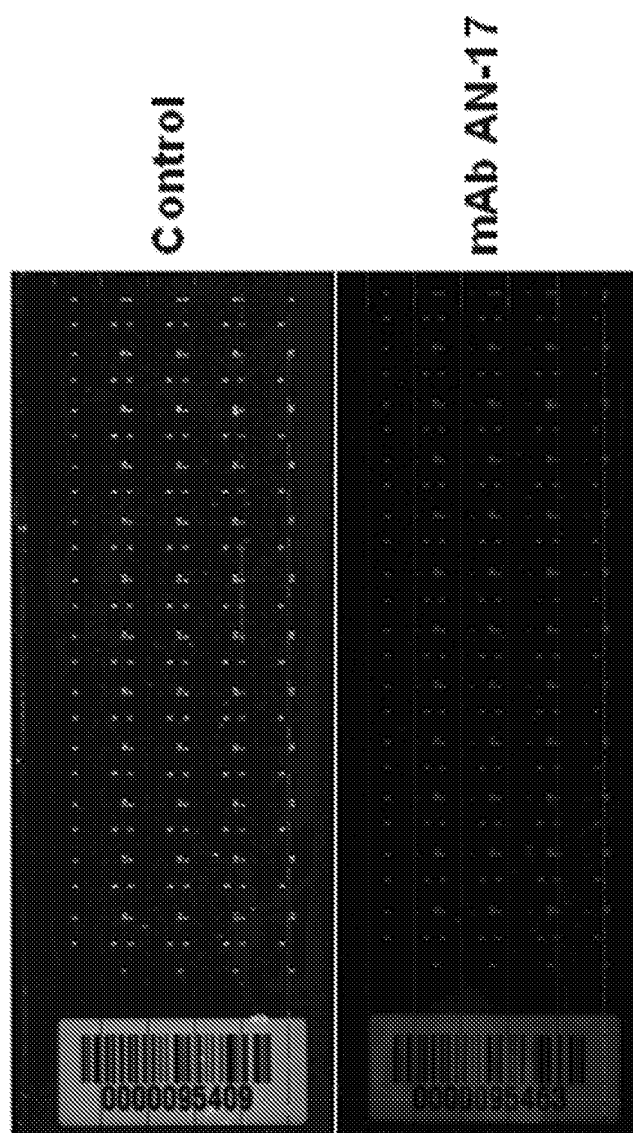


FIGURE 11

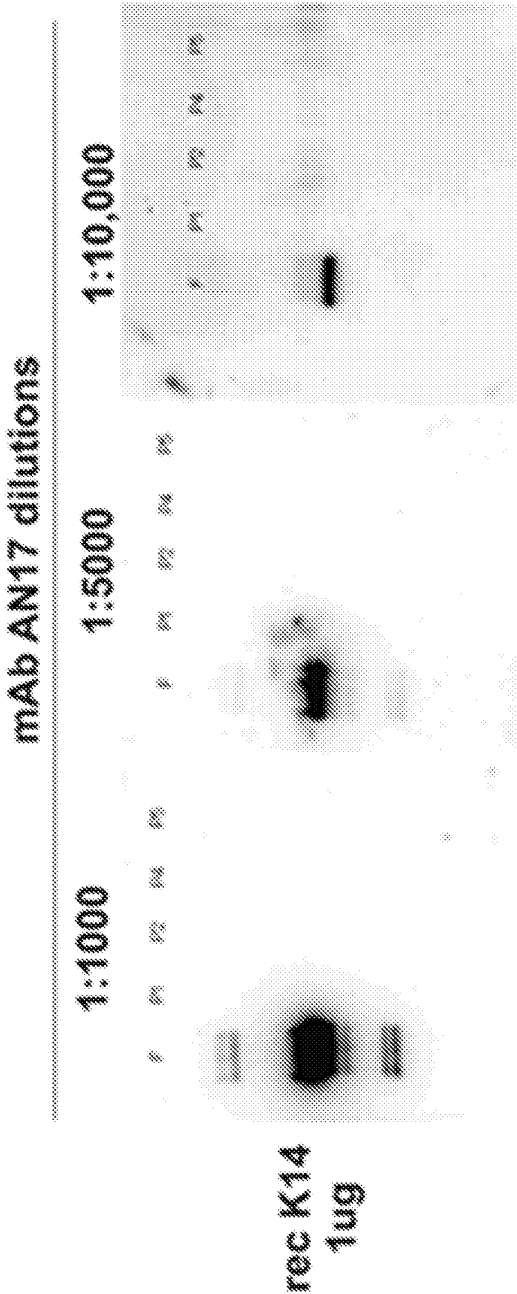


FIGURE 12

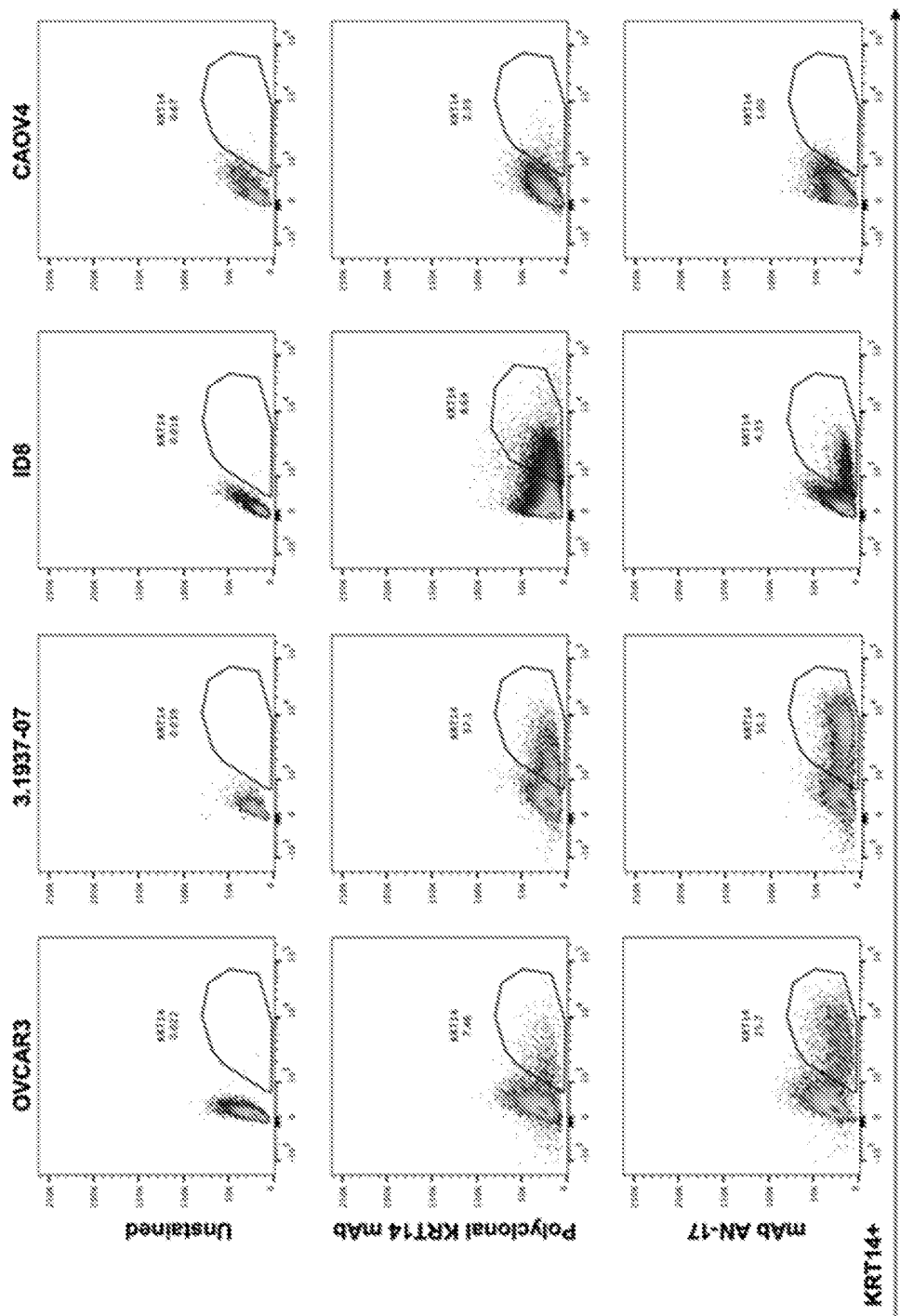
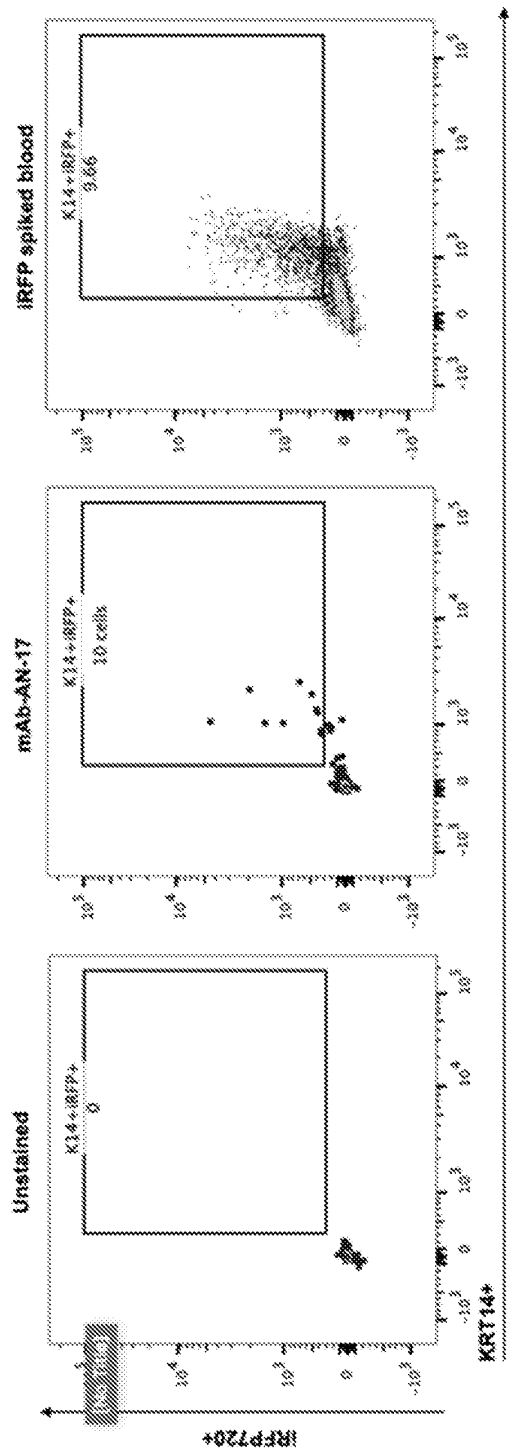


FIGURE 13



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FIGURE 14

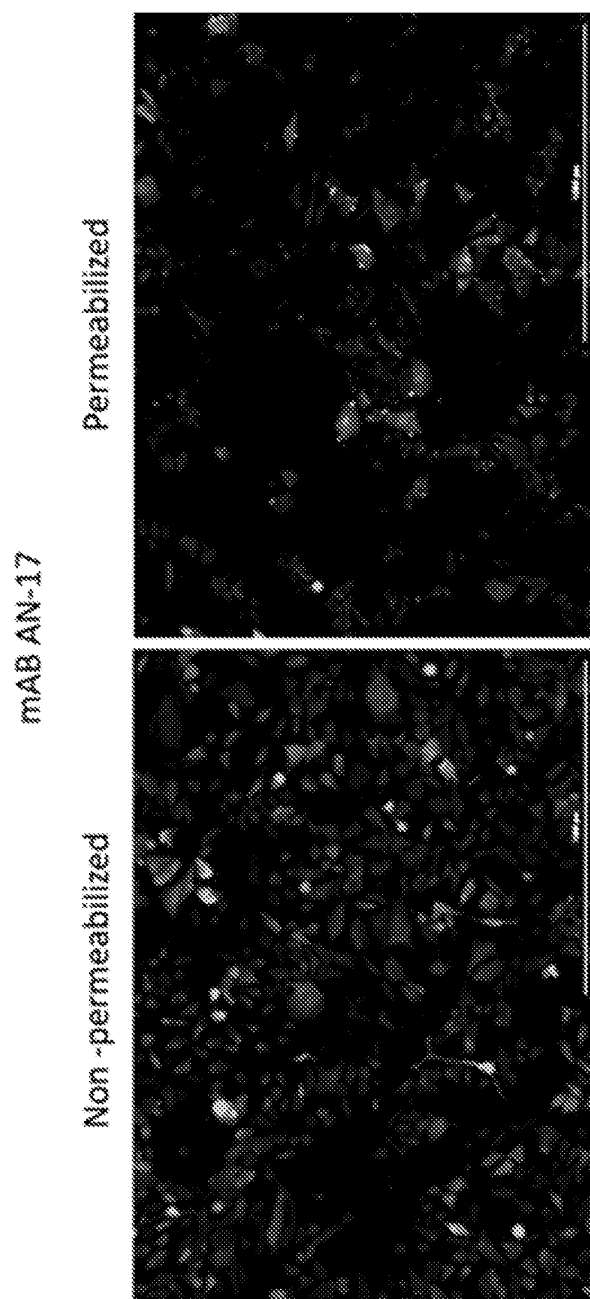
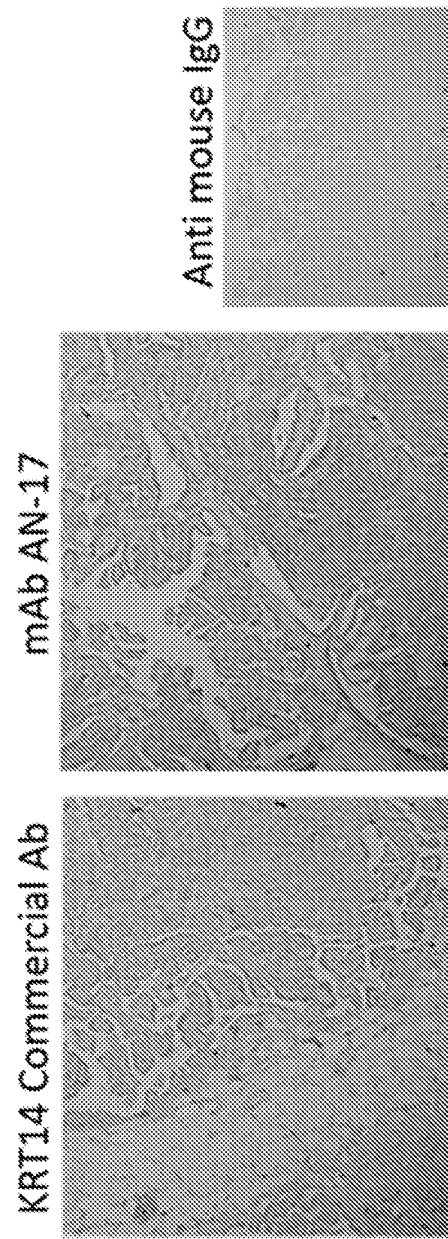
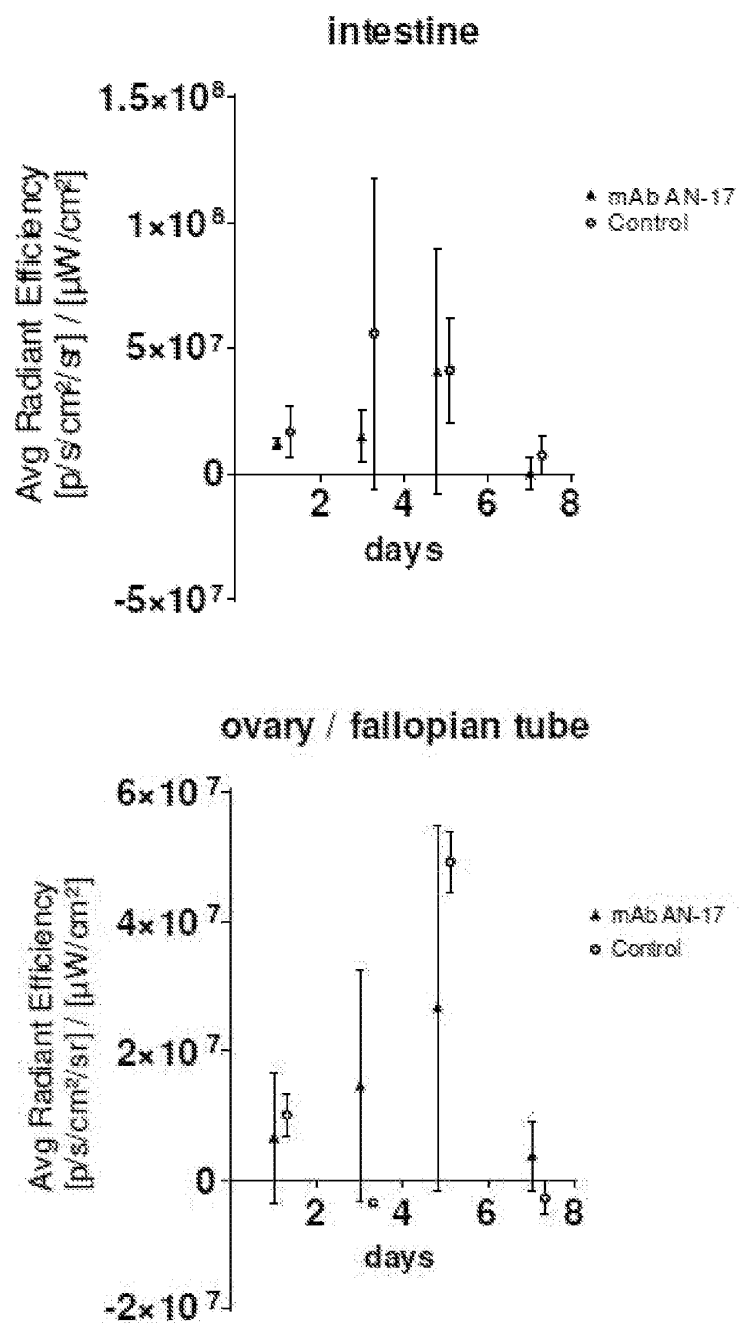


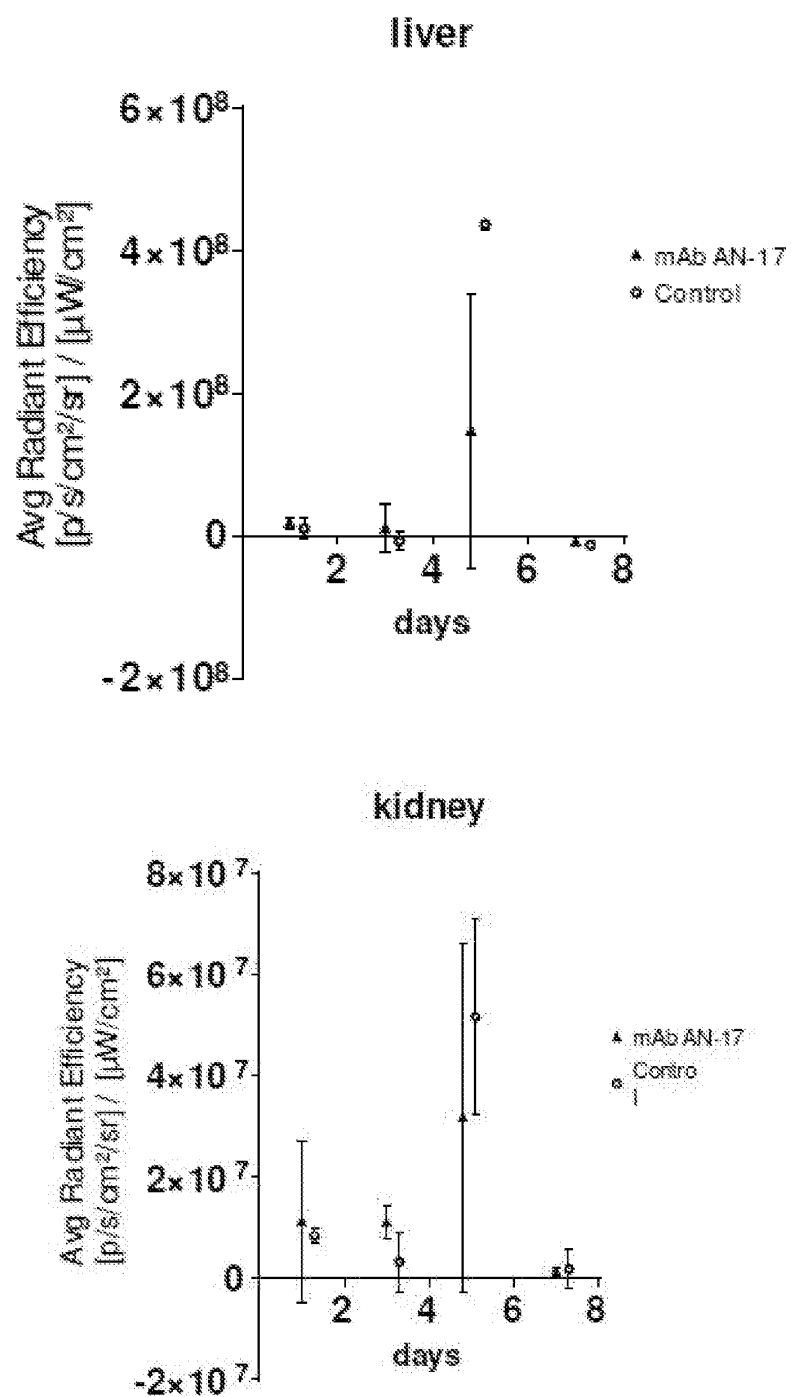
FIGURE 15



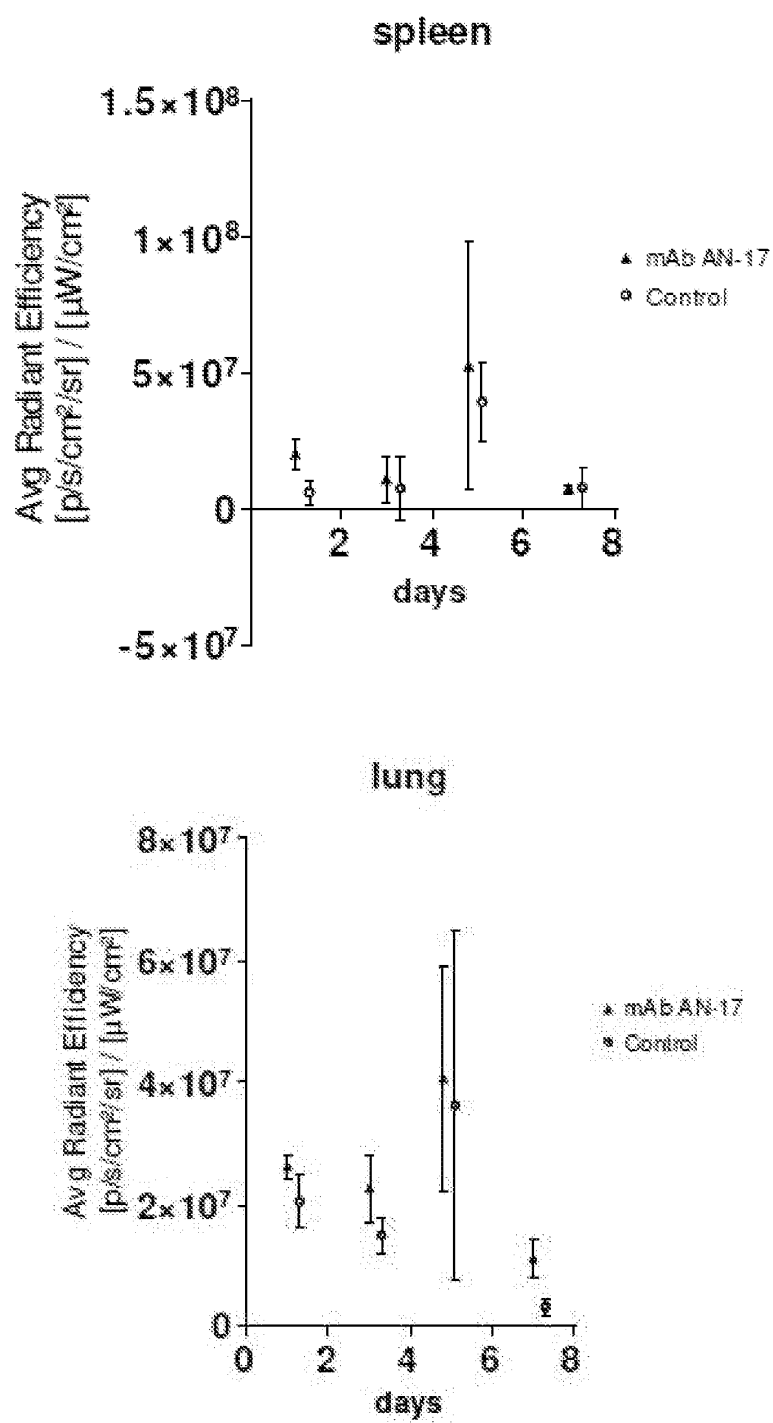
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FIGURE 16**Antibody Clearance - Healthy Tissues**

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FIGURE 16 (continued)

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FIGURE 16 (continued)

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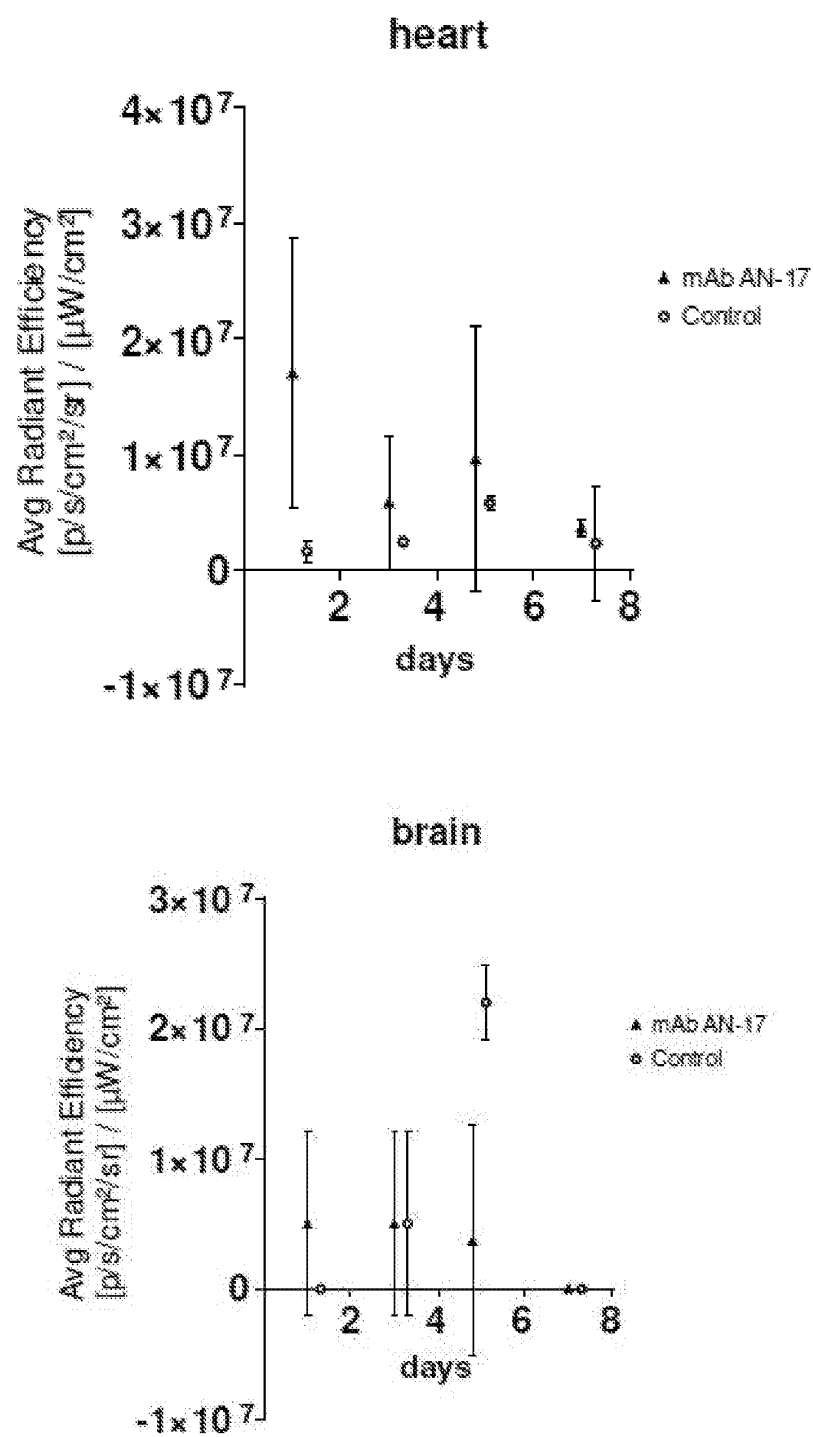
FIGURE 16 (continued)

FIGURE 17

Antibody retention after 7 days

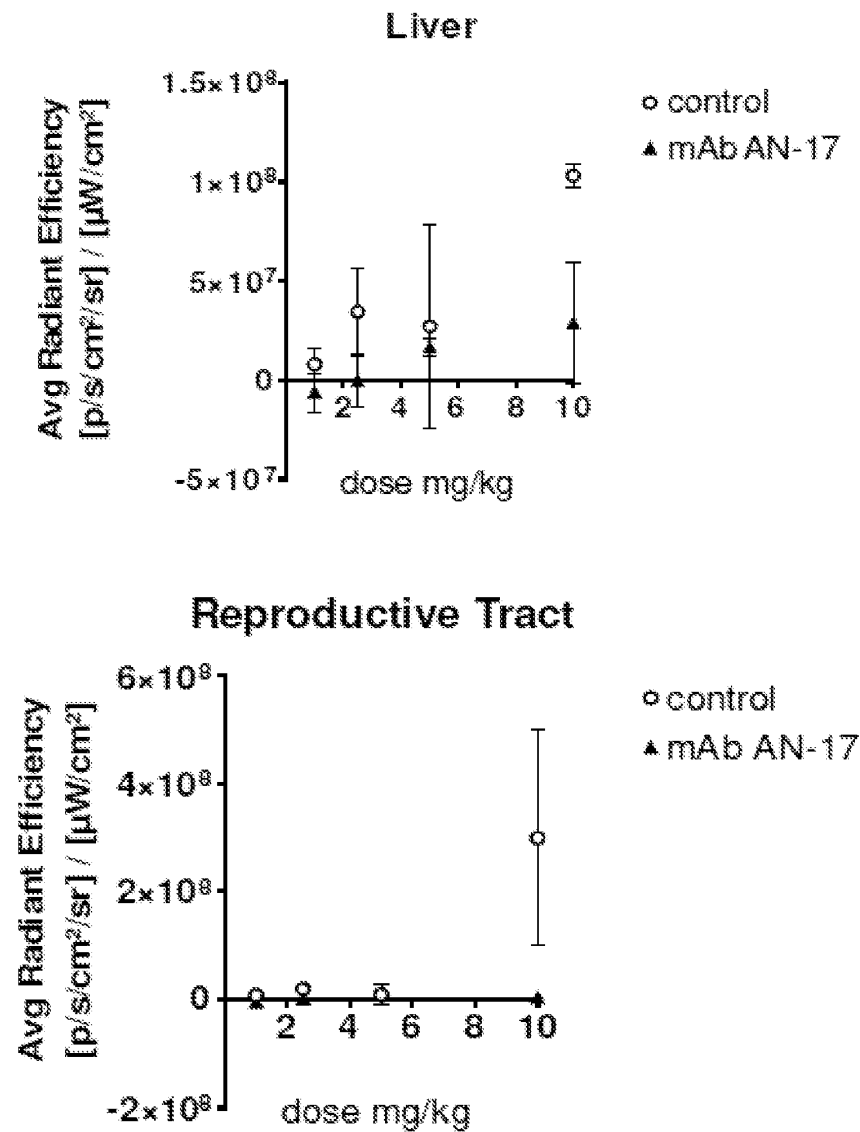
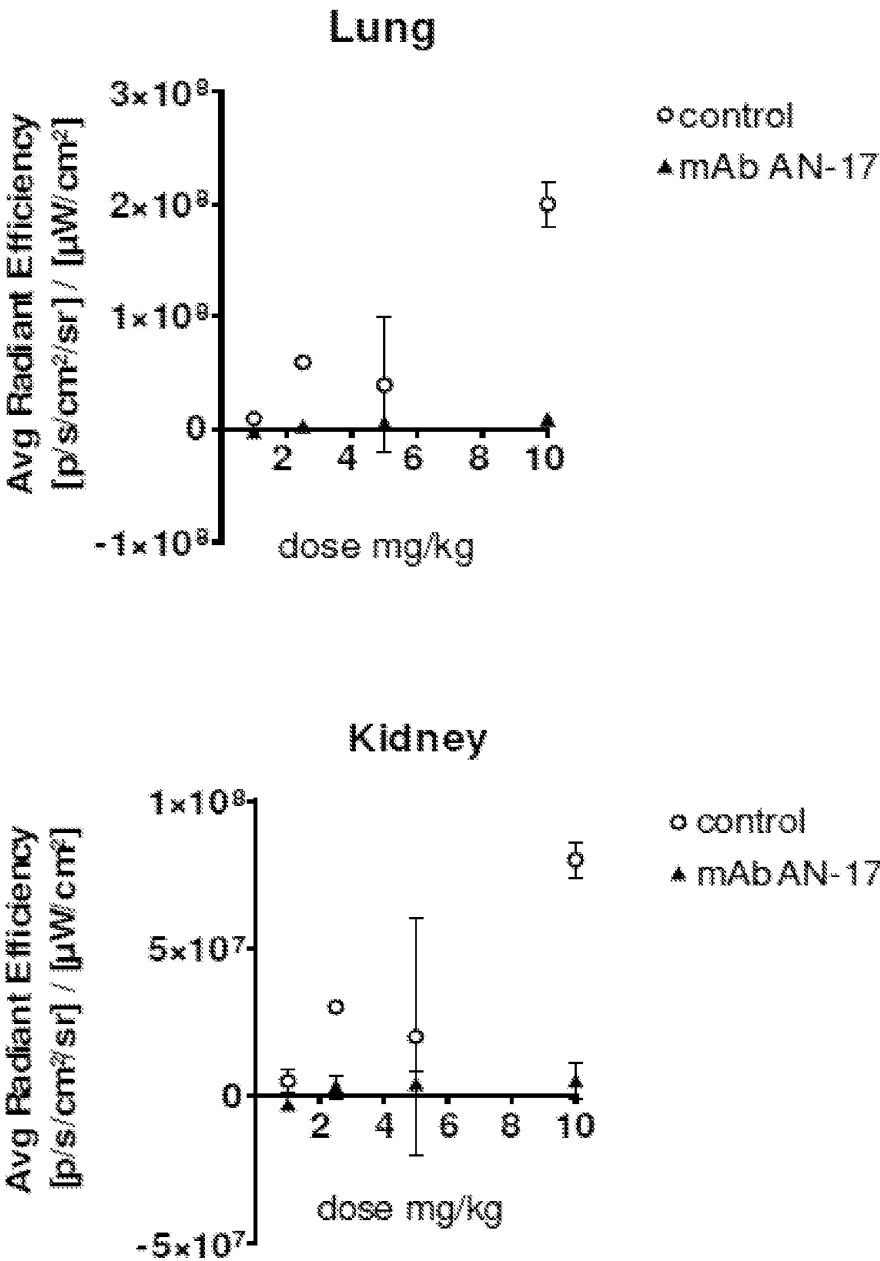


FIGURE 17 (continued)



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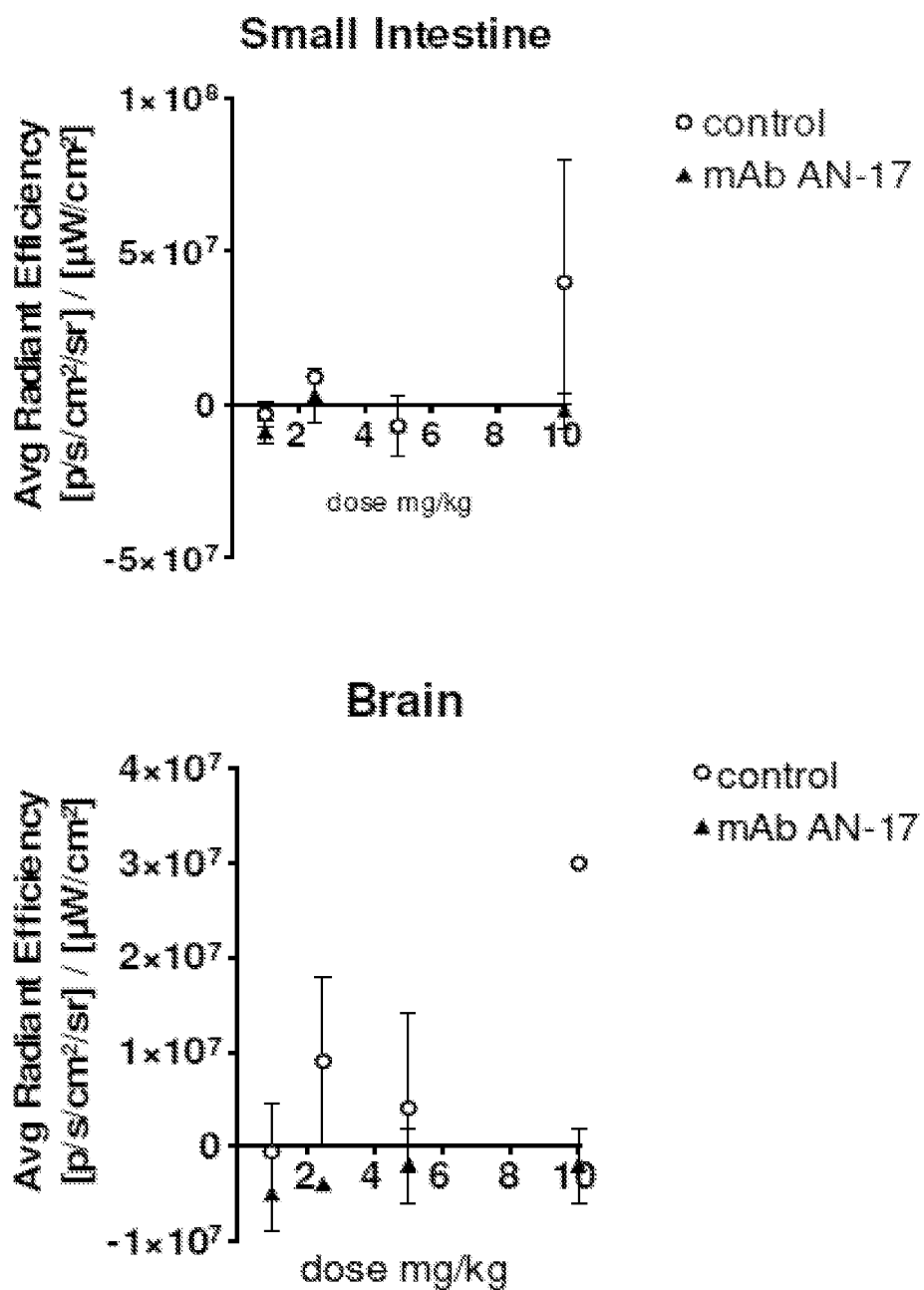
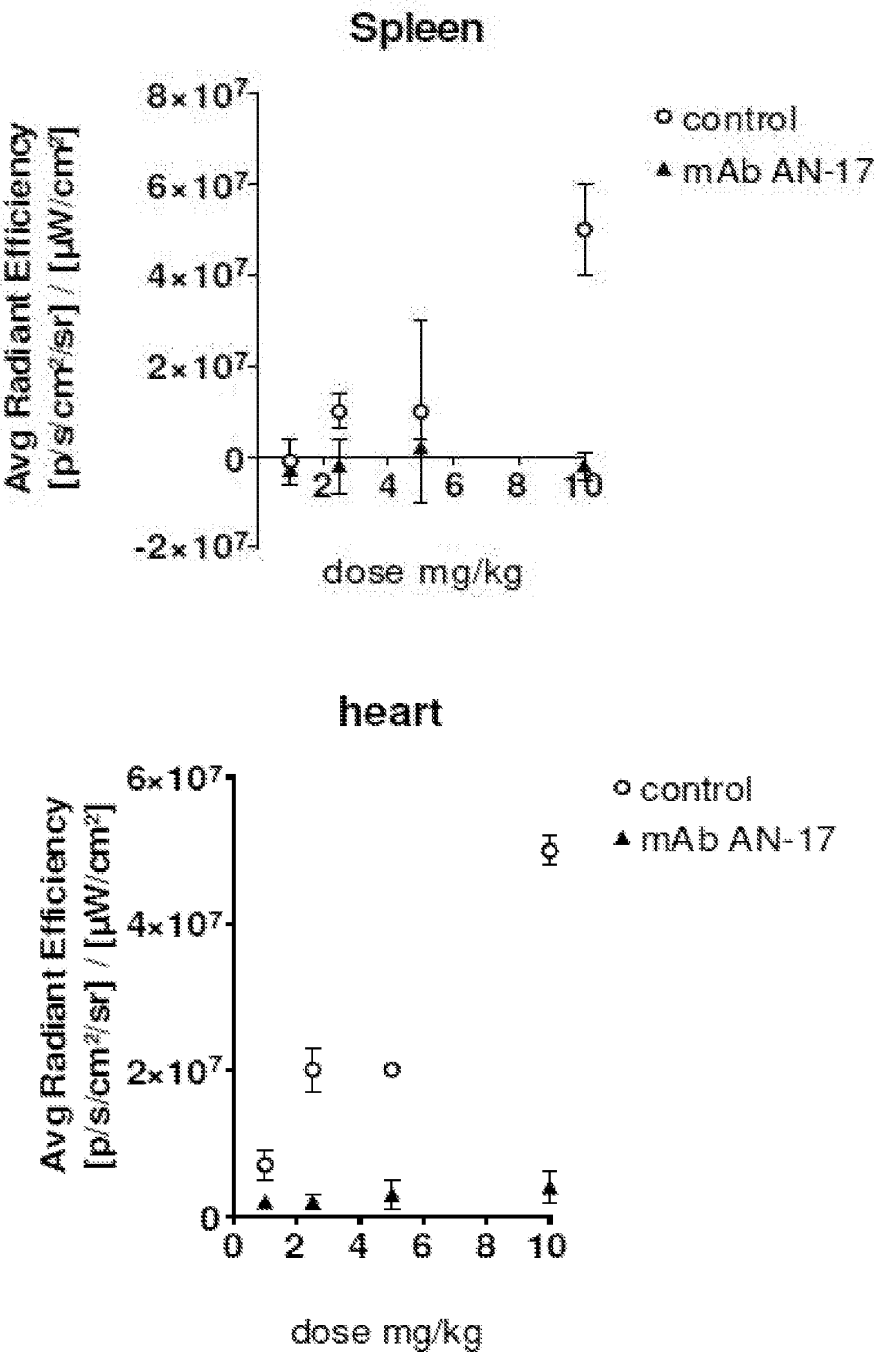
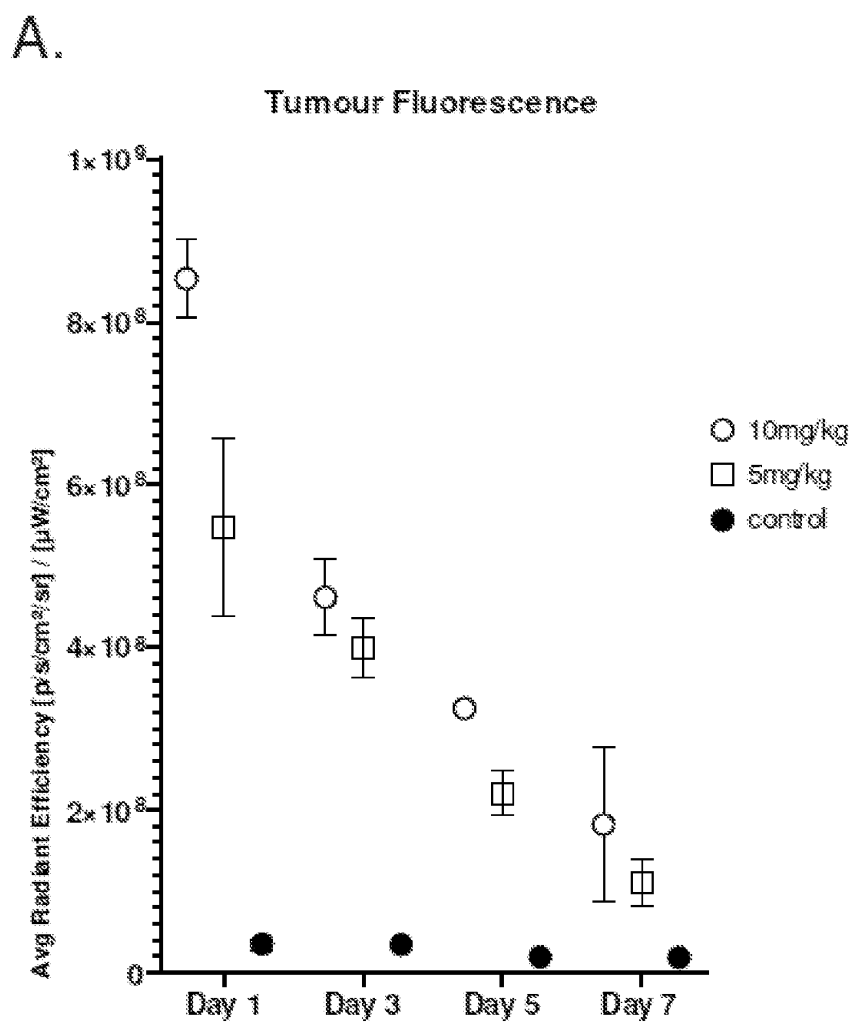
FIGURE 17 (continued)

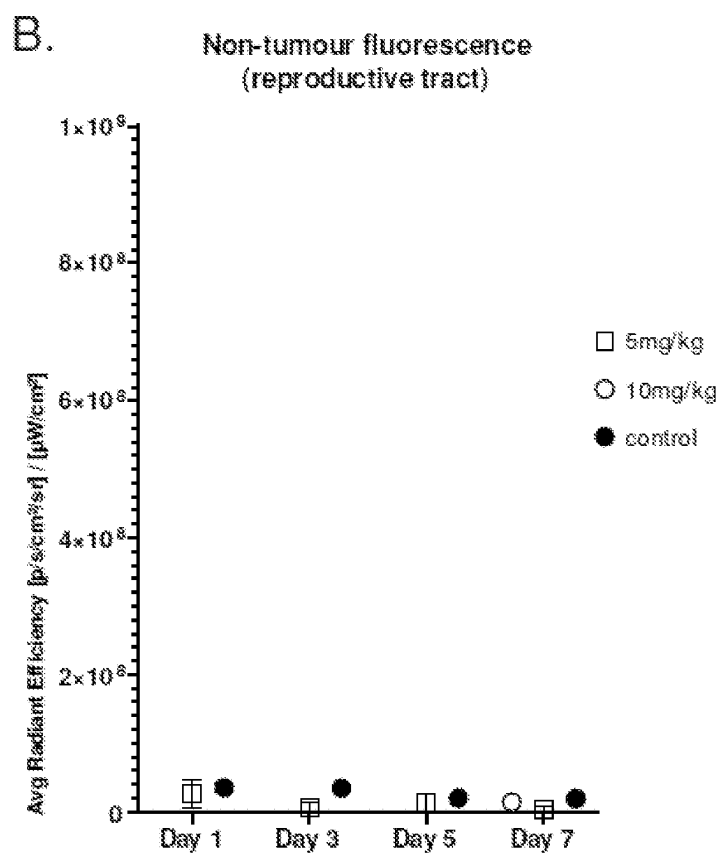
FIGURE 17 (continued)



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FIGURE 18

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FIGURE 18 (continued)

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FIGURE 18 (continued)

C.

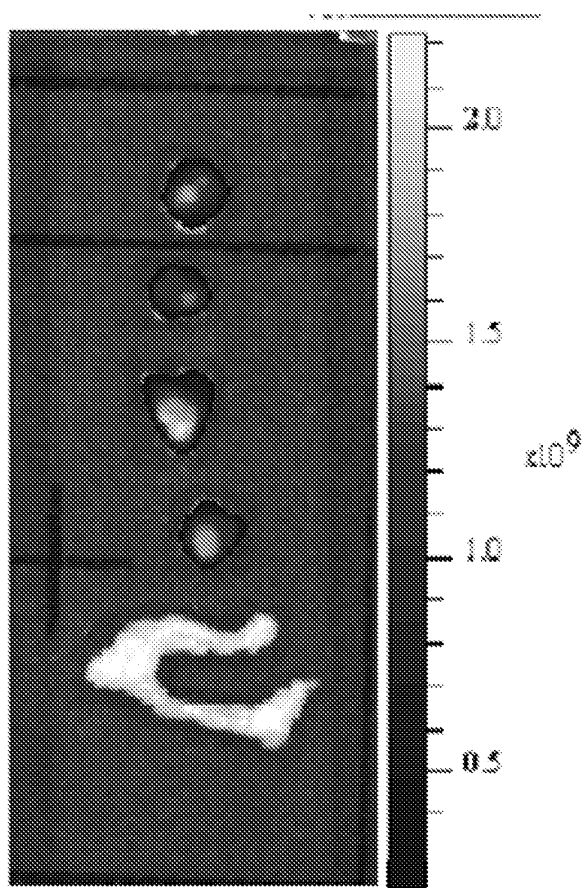
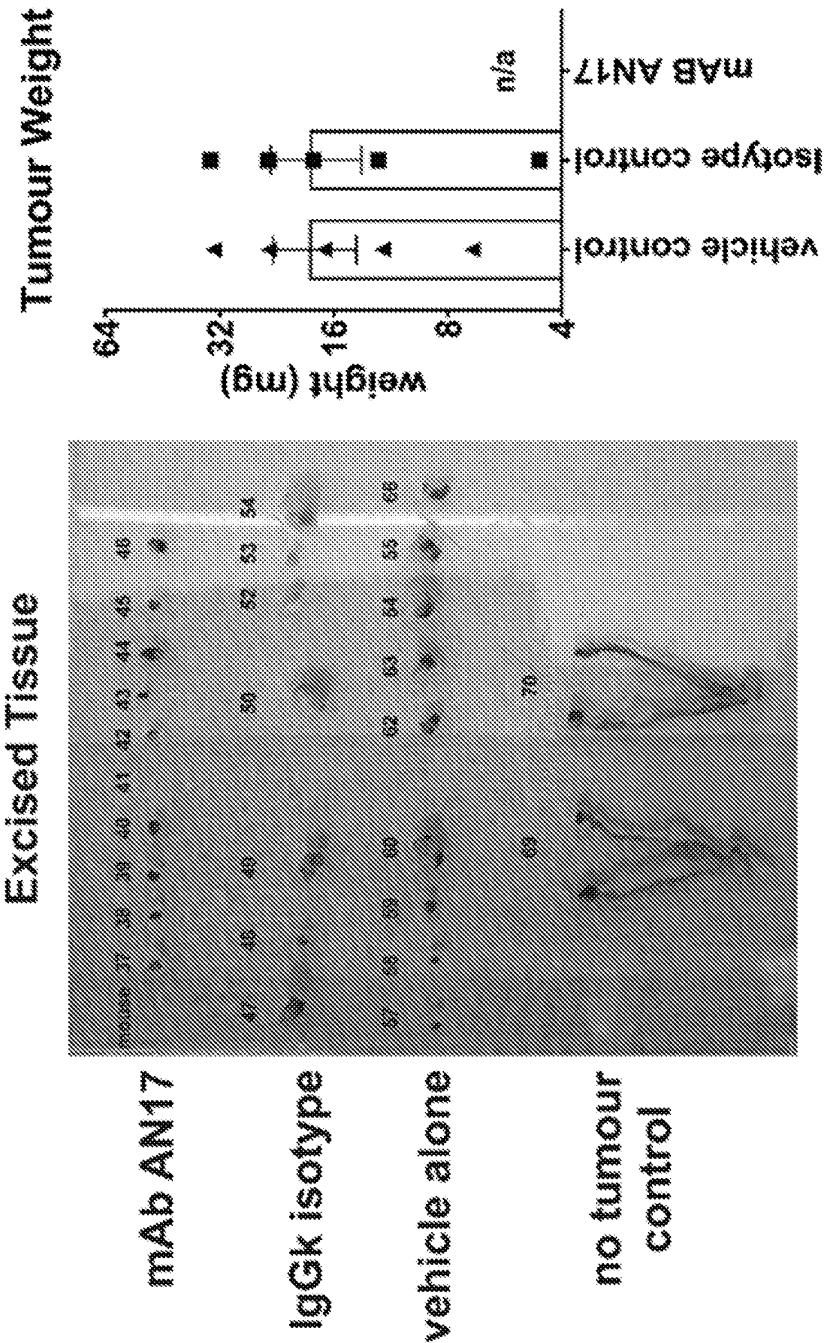


FIGURE 19



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FIGURE 20

	V gene and allele (nt identity)	J gene and allele (nt identity)	D region and allele
VL (kappa)	IGKV1-117*01 F (100%)	IGKJ4*02 F (100%)	N/A
VH	IGHV2-6-4*01 F (100%)	IGHJ2*01 F (97.92%)	IGHD1-2*01 F

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FIGURE 21**Heavy-chain variable region (VH)****Nucleotide sequence**

CAGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCACCCCTCACAGAGCC
TGTCCATCACATGCACTGTCTCTGGGTTCTCATTATCCAGATATAGTGTACACT
GGGTTTCGCCAGCCTCCAGGAAAGGGTCTGGAGTGGCTGGGAATGATATGGGG
TGGTGGAAAGCACAGACTATAATTCAGCTCTCAAATCCAGACTGAGCATCAGCAA
GGACAACTCCAAGAGCCAAGTTTTCTTAAAAATGAACAGTCTGCAAACTGATGA
CACAGCCATGTACTACTGTGCCAGAAAAGACTACGGCTACTCCTACTTTGACTA
CTGGGGCCAAGGCACCACTCTCACAGTCTCCTCA

Amino acid sequence

QVQLKESGPGLVAPSQSL SITCTVSGFSLSRYSVHWVRQPPGKGLEWLGMIWGG
GSTDYNSALKSRLSISKDNSKSQVFLKMNSLQDDTAMYYCARKDYGYSYFDYW
GQGTTLTVSS

Light-chain variable region (VL); (kappa light chain)**Nucleotide sequence**

GATGTTTTGATGACCCAACTCCACTCTCCCTGCCTGTCAGTCTTGGAGATCAA
GCCTCCATCTCTTGCAGATCTAGTCAGAGCATTGTACATAGTAATGGAAACACC
TATTTAGAATGGTACCTGCAGAAACCAGGCCAGTCTCCAAAGCTCCTGATCTAC
AAAGTTTCCAACCGATTTTCTGGGGTCCCAGACAGGTTCAGTGGCAGTGGATC
AGGGACAGATTTCACTCAAGATCAGCAGAGTGGAGGCTGAGGATCTGGGA
GTTTATTACTGCTTTCAAGGTTACATGTTCCATTACGTTCTGGCTCGGGGACA
AAGTTGGAATAAAACGGGCTGATGCTGCACCAACTGTATCC

Amino acid sequence

DVLMTQTPLSLPVSLGDAQSISRSSQSIVHSNGNTYLEWYLQKPGQSPKLLIYKV
SNRFGV PDRFSGSGSGTDFTLKISRVEAEDLGVYYCFQGSHVPFTFGSGTKLEIK
RADAAPTVS

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FIGURE 22

A. FWR1 CDR1

QVQLKESGPGLVAPSQSL SITCTVS **GFSLSRYS**VHWVR

FWR2 CDR2 FWR3

QPPGKGLEWLGM **IWGGGST** DYN SALKSRLSISKDNSKS

CDR3

QVFLKMNSLQTDDTAMYYC **ARKDYGYSYFDY**WGQGTTL

TVSS

B. FWR1 CDR1

DVLMTQTPLSLPVSLGDQASISCRSS **QSIVHSNGNT**

FWR2 CDR2 FWR3

YLEWYLQKPGQSPKLLIYKVSNRFSGVPDRFSGSGS

CDR3

GTDFTLKISRVEAEDLGVYYC **FQGSHPFT**FGSGTK

LEIKRADAAPTVS

FIGURE 23

