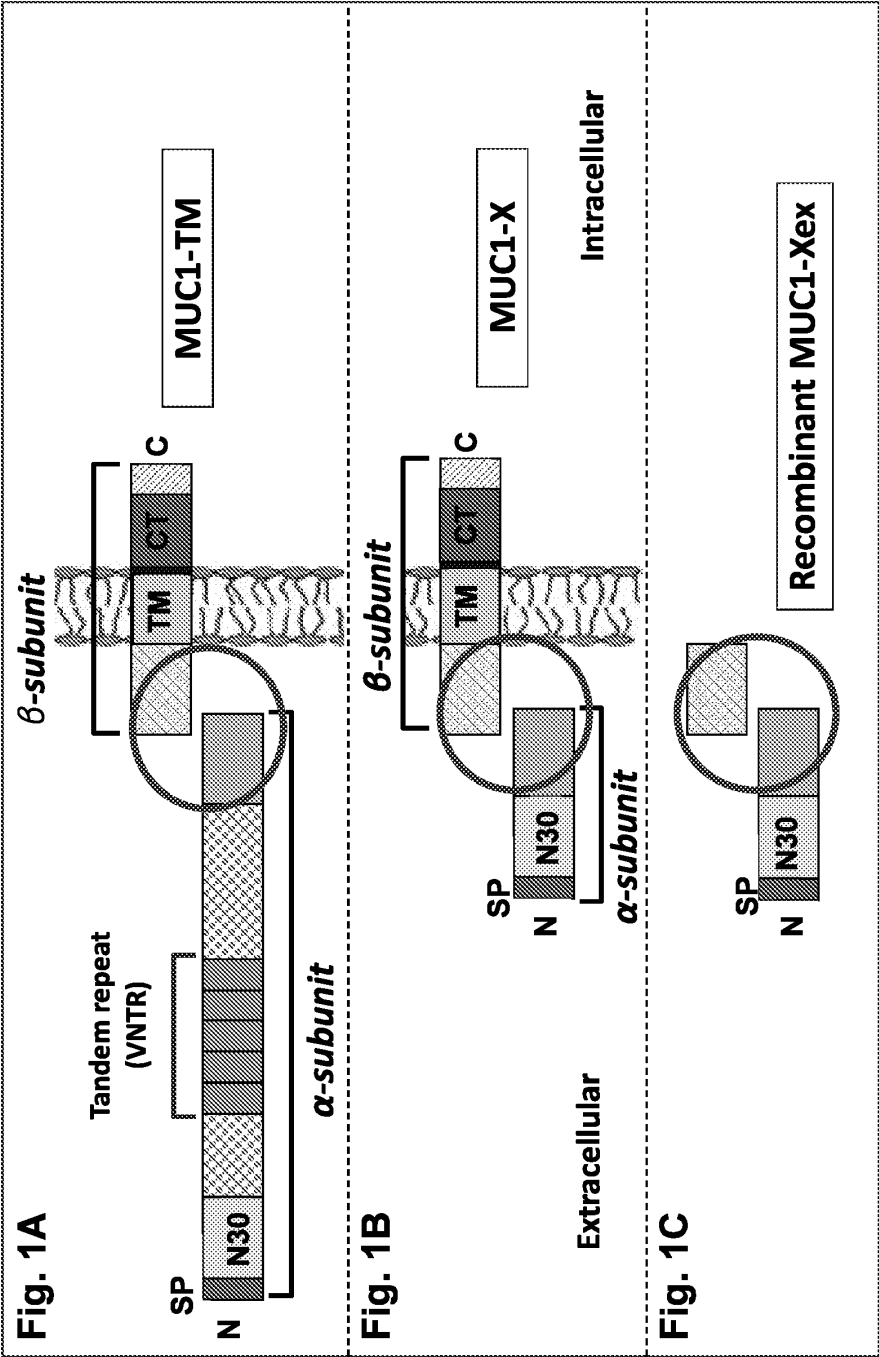




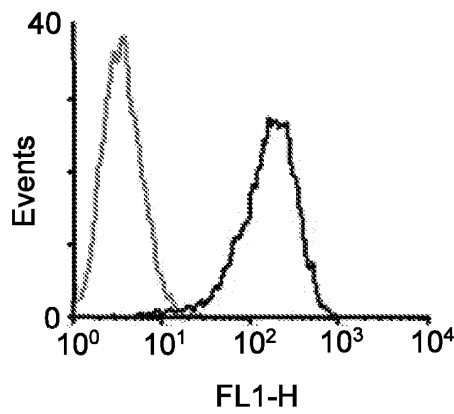


Fig. 1D

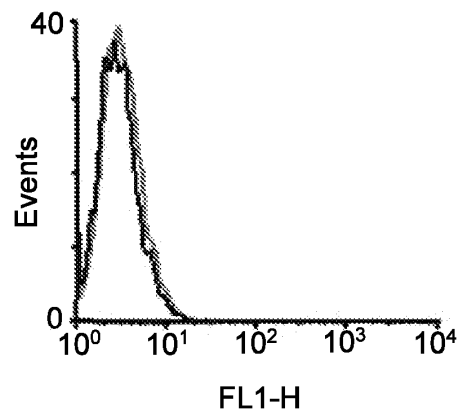


Fig. 1E

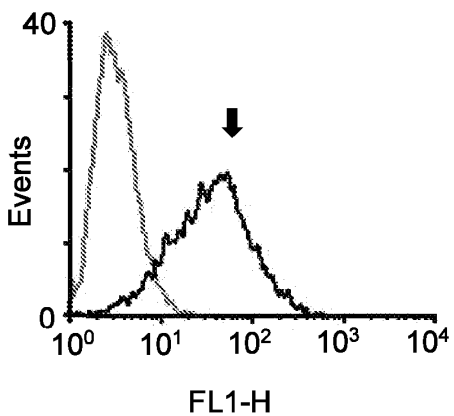


Fig. 1F

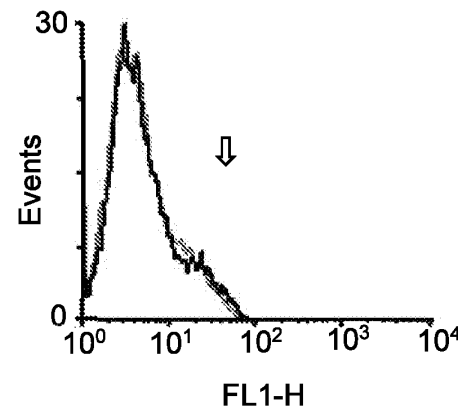


Fig. 1G

3/17

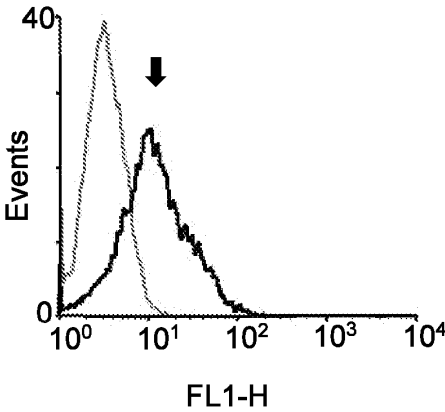


Fig. 1H

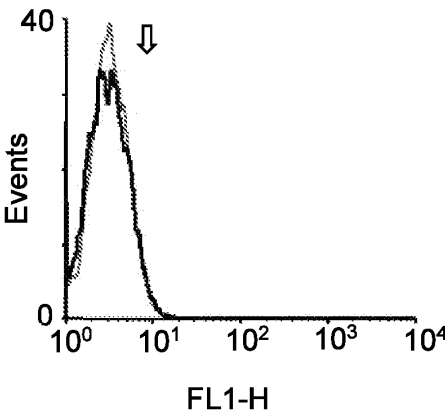


Fig. 1I

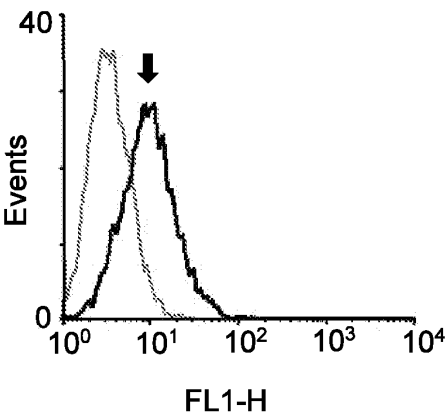


Fig. 1J

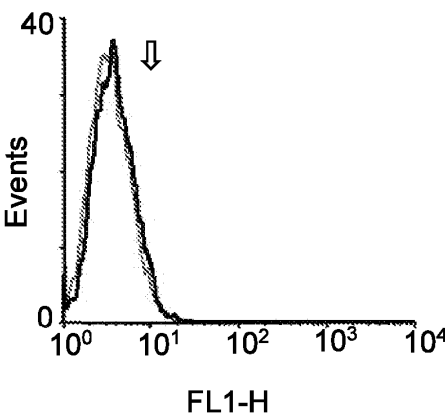


Fig. 1K

4/17

DMB5F3 (Group I):

Heavy chain: Amino acids sequence (140aa)

MRVLILLCLFTAFPGVLSDVQVQESGPDLVKPSQSLSLTCTVTGHSIT**RGSSW**
HWIRQFPGNKLEWMGY**IHYGGGTSYNPSLKS**RISITRDTSKNQFFLQLNSVTT
 EDTATFFCARY**SYDITYRWFFD**VWGAGTTVIVSS

Light chain: Amino acids sequence (127aa)

MVSTPQFLVFLFWIPASRGDILLTQSPAILSVSPGERVSFSC**RASQNIGTSI**
HWYQQRKNGSPRLLIK**YASESIS**GIPSRFSGSGSGTDFTLSINSVESEDMADY
 YC**QNNNWPLT**FGAGTKLELK

DMB7F3 (Group II):

Heavy chain: Amino acids sequence (137aa)

MAVLGLLLCLVTFPSCVLSQVQLKESGPGLVAPSQNLSITCTVSGFSLT**DYGV**
NWVRQPSGKGLEWL**GEIWAGGTTFYNSALKS**RLTITKDNSKSQVFLEMNSLQS
 HDTAMYCAK**RLNWDSSMDY**WGQGTSVTVSS

Light chain: Amino acids sequence (131aa)

METDTLLLWVLLLWVPGSTGDIVLTQSPASFAVSLGQRATISCR**ASESVSTSA**
YNFLHWYQQKPGQPPKLLIY**LASNLES**GVPARFSGSGSGTDFTLNHPVEEED
 AATYYC**QHSREL**PYTFGGGTKLEIK

DMB4B4/DMB10F10 (Group III):

Heavy chain: Amino acids sequence (136aa)

MEWPCIFLFLSVTEGVHSQVHLQQSGAELVRPGSSVKISCKASGYEFN**SFWM**
NWVKQRPGQGLEWIG**QIYPGDGDTNYNGKFKG**KATLTADKSSSTAYMQLSSLT
 SEDSGIYFCARG**GYKAWFI**YWGQGTLVTVSE

Light chain: Amino acids sequence (127aa)

MVSTPQFLVFLFWIPASRGDVLLTQSPAILSVSPGERVSFSC**RASQNIGTSI**
HWYQQSTNGSPRLIK**YASESLS**GIPSRFSGSGSGTDFTLTINSVESEDIADY
 YC**QQSNGWPLT**FGGGTKLELK

Fig. 2

5/17

DMB4F4 (Group IV, also includes: DMB10B7 and DMB13D11):

Heavy chain: Amino acids sequence (135aa)

MGWSWIFLFLLSGTAGVLSEVQLQQSGPELVKPKTSMKISCKASGYSFT**DEFTM**
 NWVKQSHGKNPEWIG**LITPYNGGTSYNQKFKG**KATFTVDRSSSTAYMELLSLT
 SEDSAVYYCARG**GLTYFDQ**WGQGTTTLTVSS

Light chain: Amino acids sequence (129aa)

MDFQVQIFSFLLMSASVIMSRGQIVLTQSPALMSASPGEKVTMT**CSASSSVSY**
MYWYQQPTSSPKPWILLTSNLASGVPTRFSGSGSGTSYSLTISSEAEADAAT
 YYC**QQWNSKPPIT**FGGGTKLEIK

DMC209

Heavy chain: Amino acid sequence (135 aa)

MRVLILLWLFTAFFGILSDVQLQESGPGLVKPSQSLSLTCTVTGYSIT**SDYAW**
NWIRHFPGNKLEWMGYISYSGSTSYNPSLKSRISITRDTSKNQFFLQLNSVTT
 EDTATYYCARD**DGYTFAF**WGQGLTVTVSA

Light chain: Amino acid sequence (131 aa)

MKLPVRLVLVLMFWIPASSSDVVMQTPLSLPVSLGDQASIS**CRSSQSLVHSNG**
NTYLHWYLQKPGQSPKLLIYKVSNRFS GVPDRFSGSGSGTDFTLKISRVEAED
 LGVYFCS**QSTHVPYT**FGGGTKLEIK

Fig. 2 (Cont.)

6/17

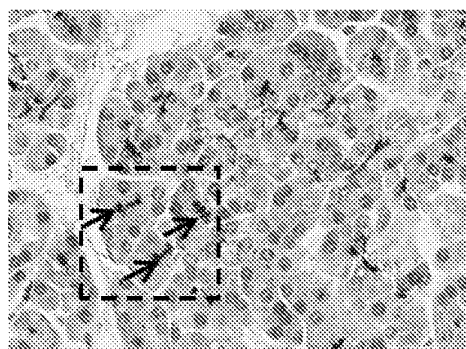


Fig. 3A

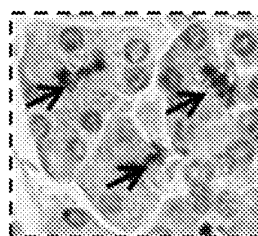


Fig. 3A(i)

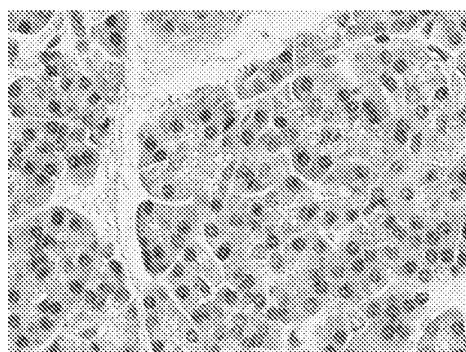


Fig. 3B

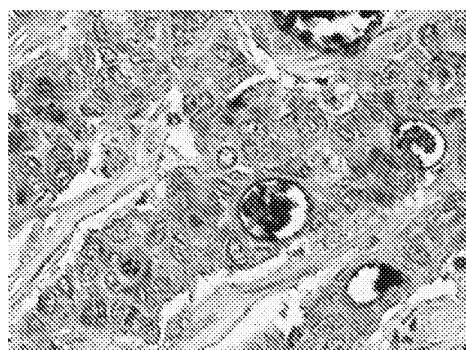


Fig. 3C

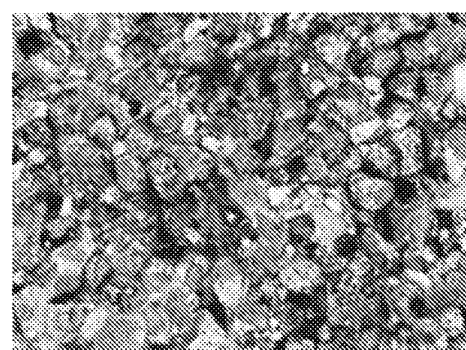


Fig. 3D

7/17

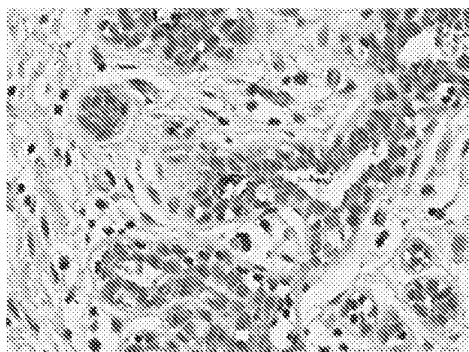


Fig. 3E

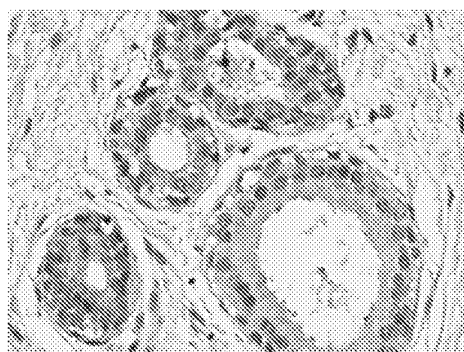


Fig. 3F

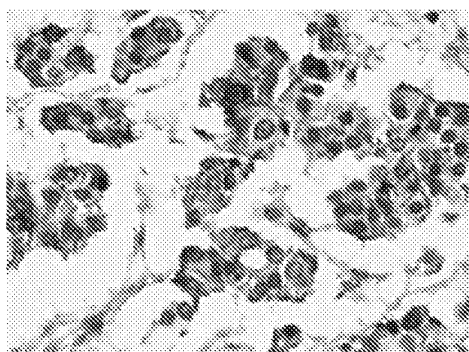


Fig. 3G

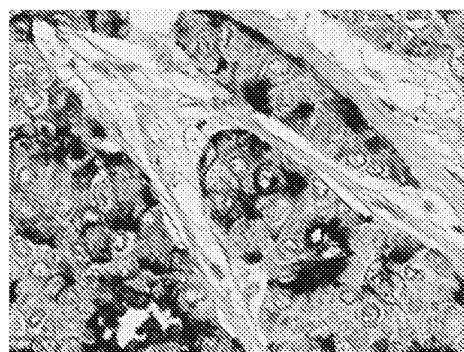


Fig. 3H

8/17

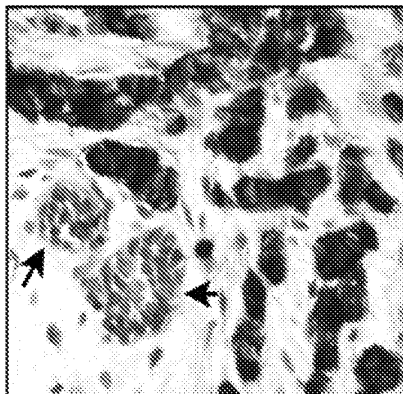


Fig. 3I

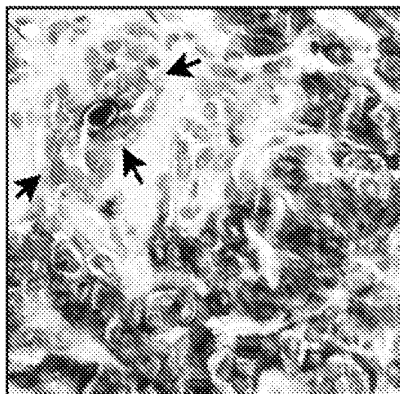


Fig. 3J

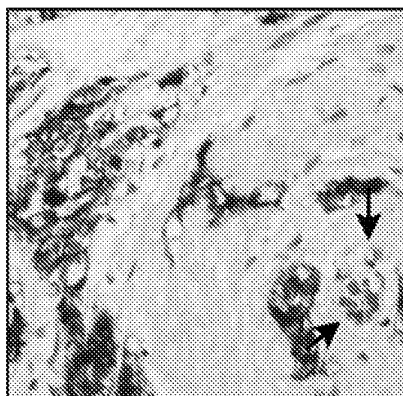


Fig. 3K

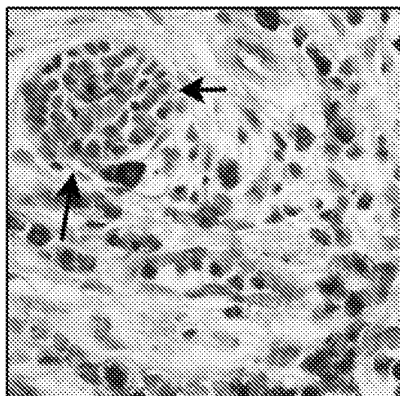


Fig. 3L

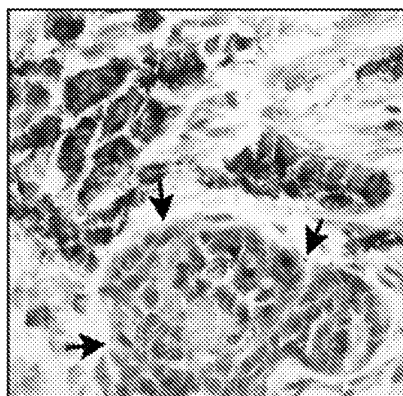


Fig. 3M

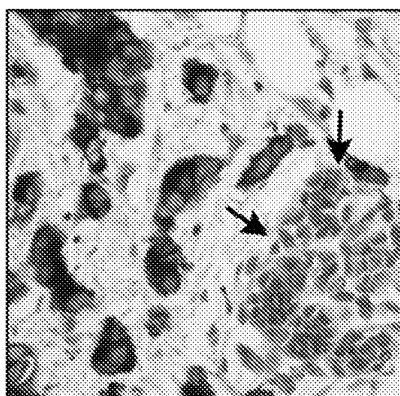


Fig. 3N

9/17

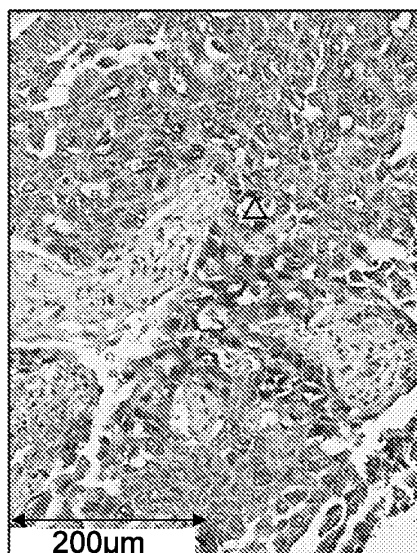


Fig. 4A

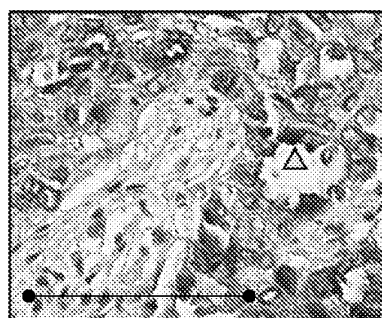


Fig. 4B

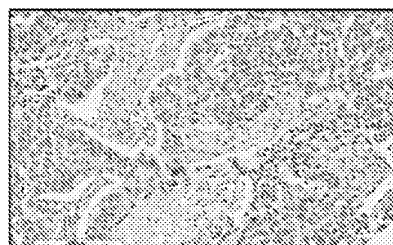


Fig. 4C

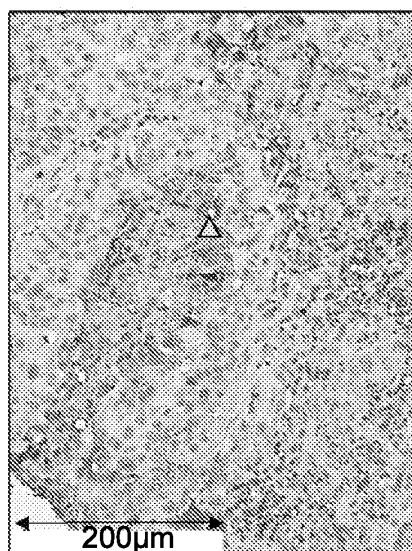


Fig. 4D

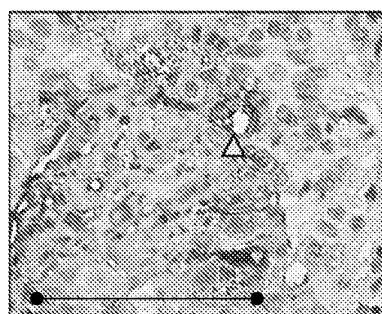


Fig. 4E

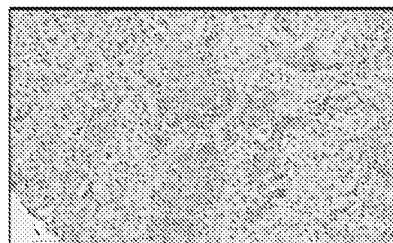


Fig. 4F

10/17

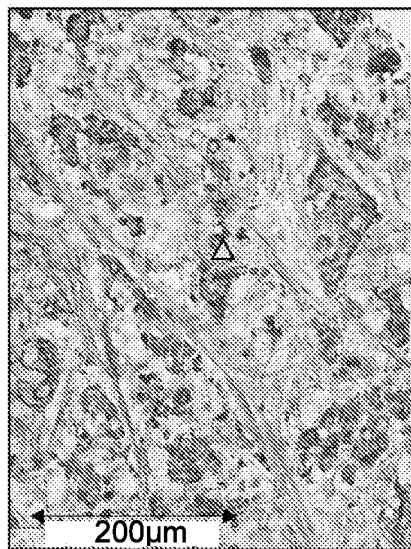


Fig. 4G

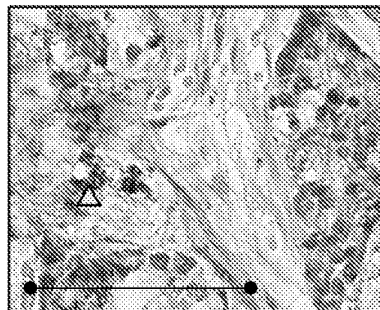


Fig. 4H



Fig. 4I

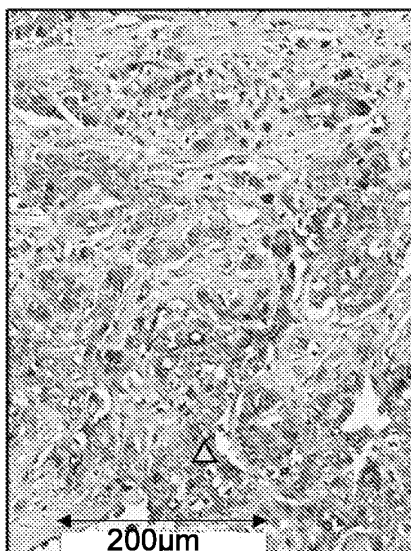


Fig. 4J

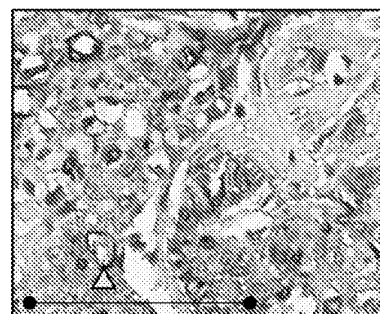


Fig. 4K



Fig. 4L

11/17

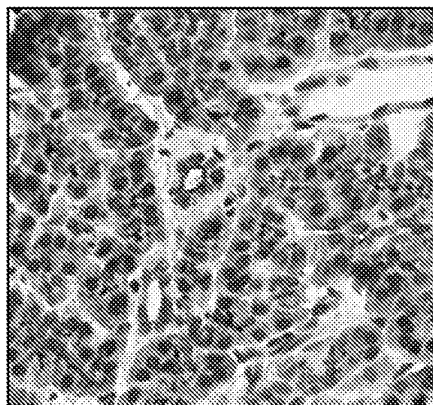


Fig. 4M

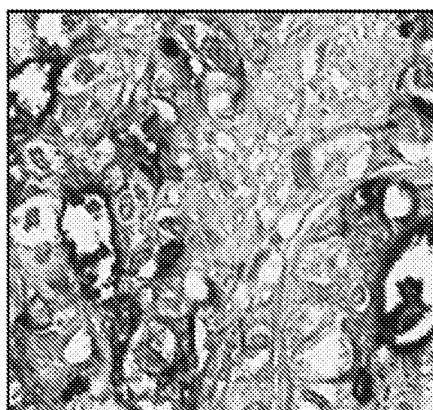


Fig. 4N

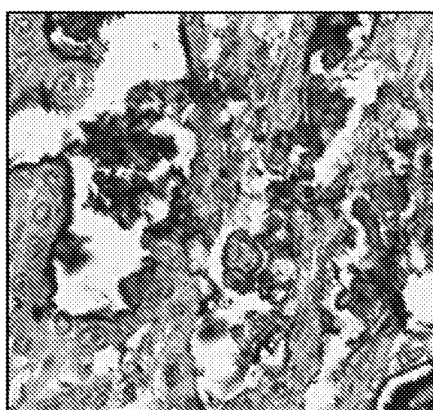


Fig. 4O

12/17

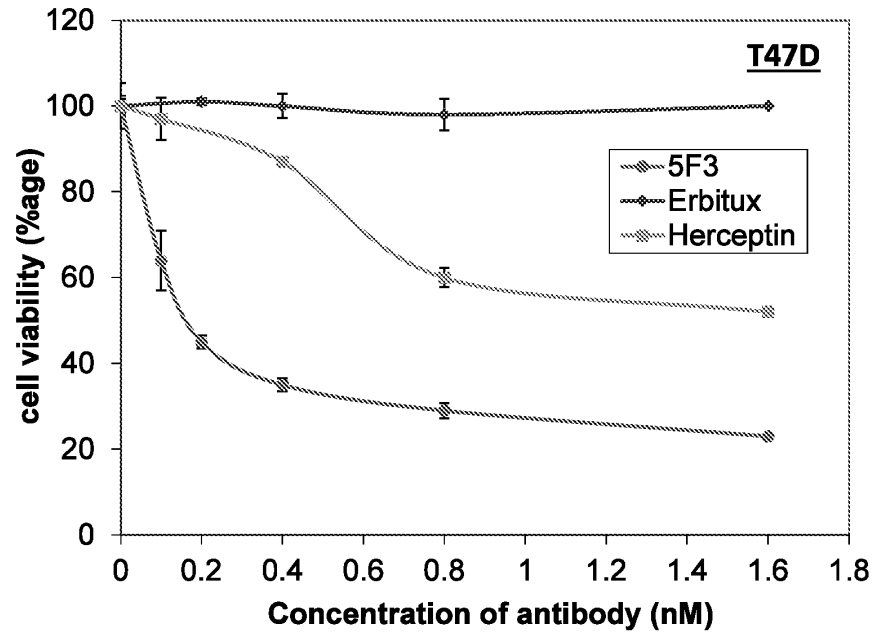


Fig. 5A

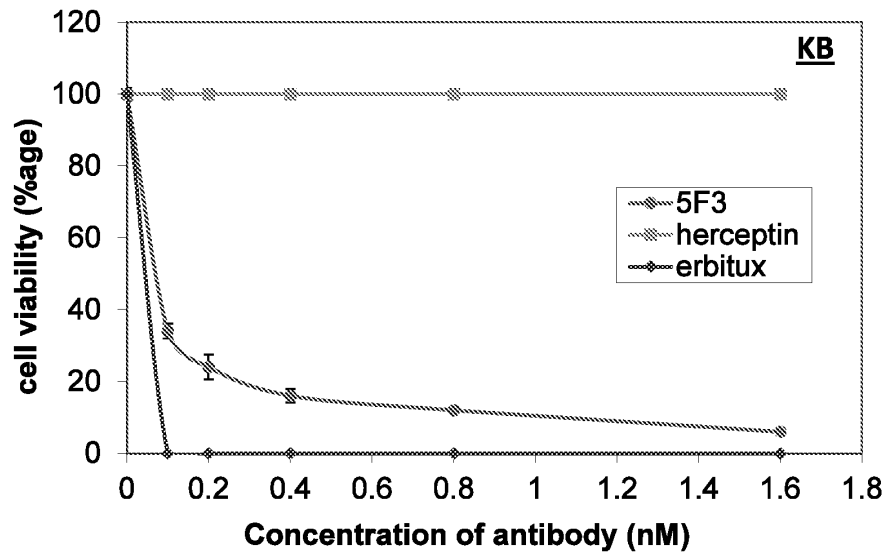


Fig. 5B

13/17

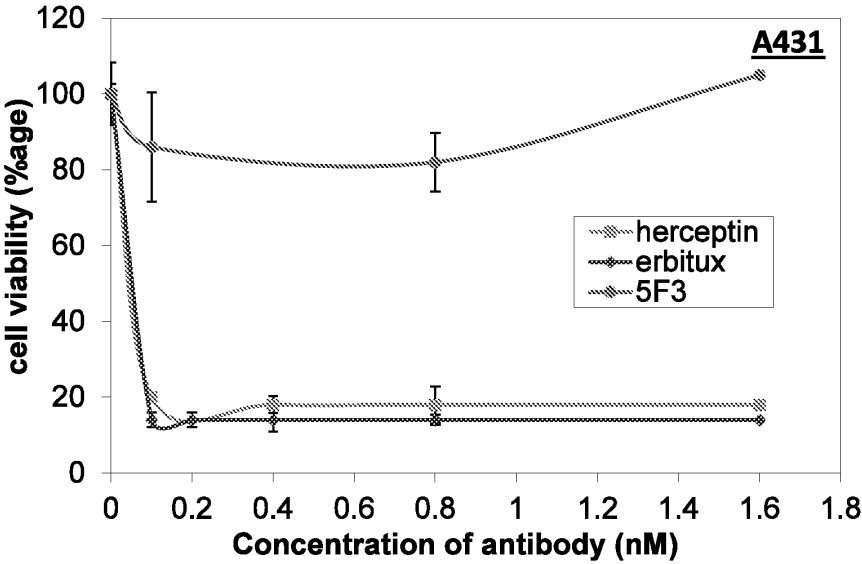


Fig. 5C

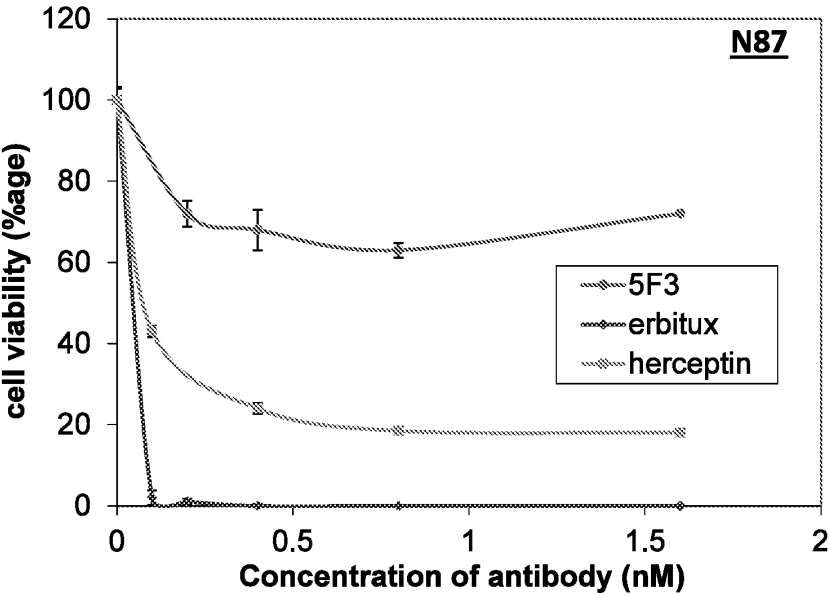


Fig. 5D

14/17

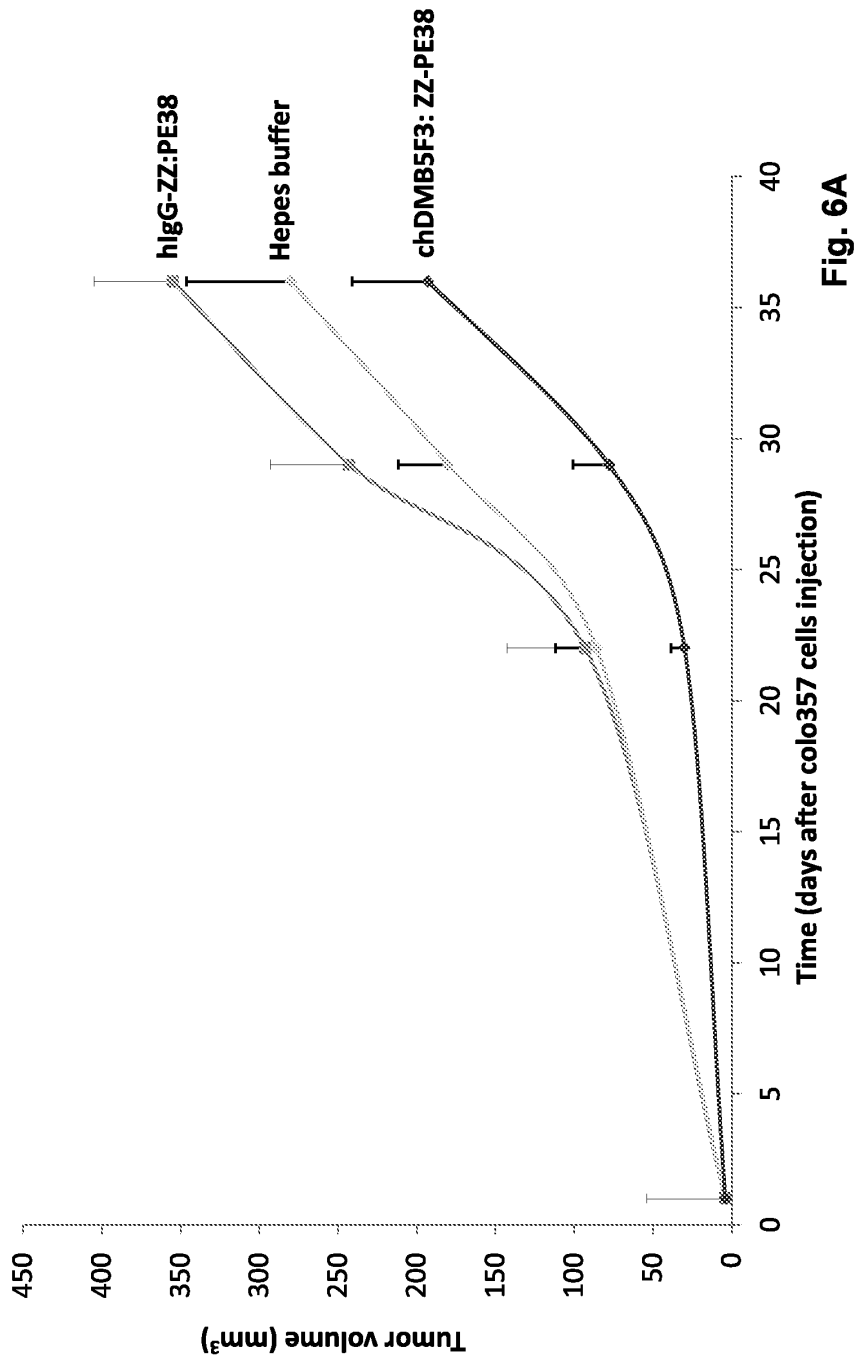


Fig. 6A

15/17

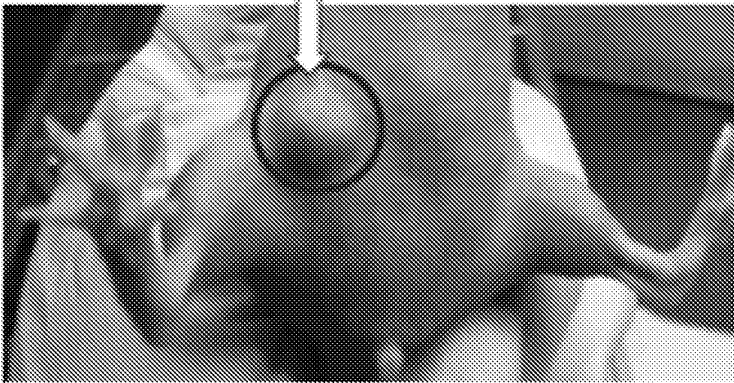


Fig. 6B

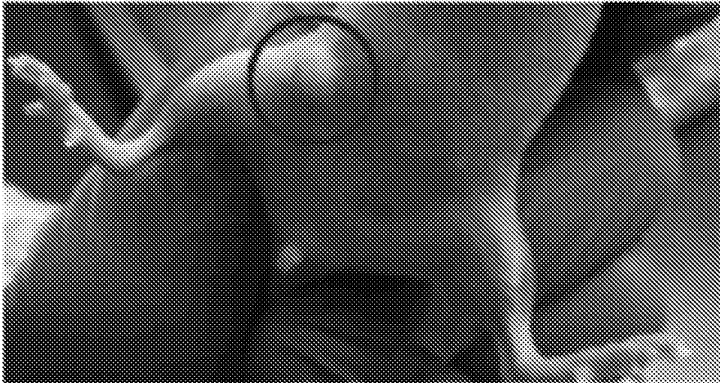


Fig. 6C

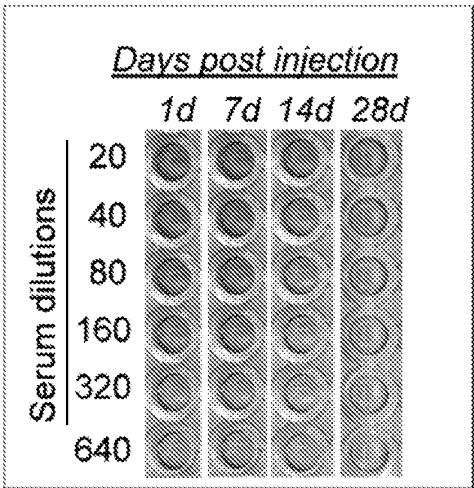


Fig. 6D

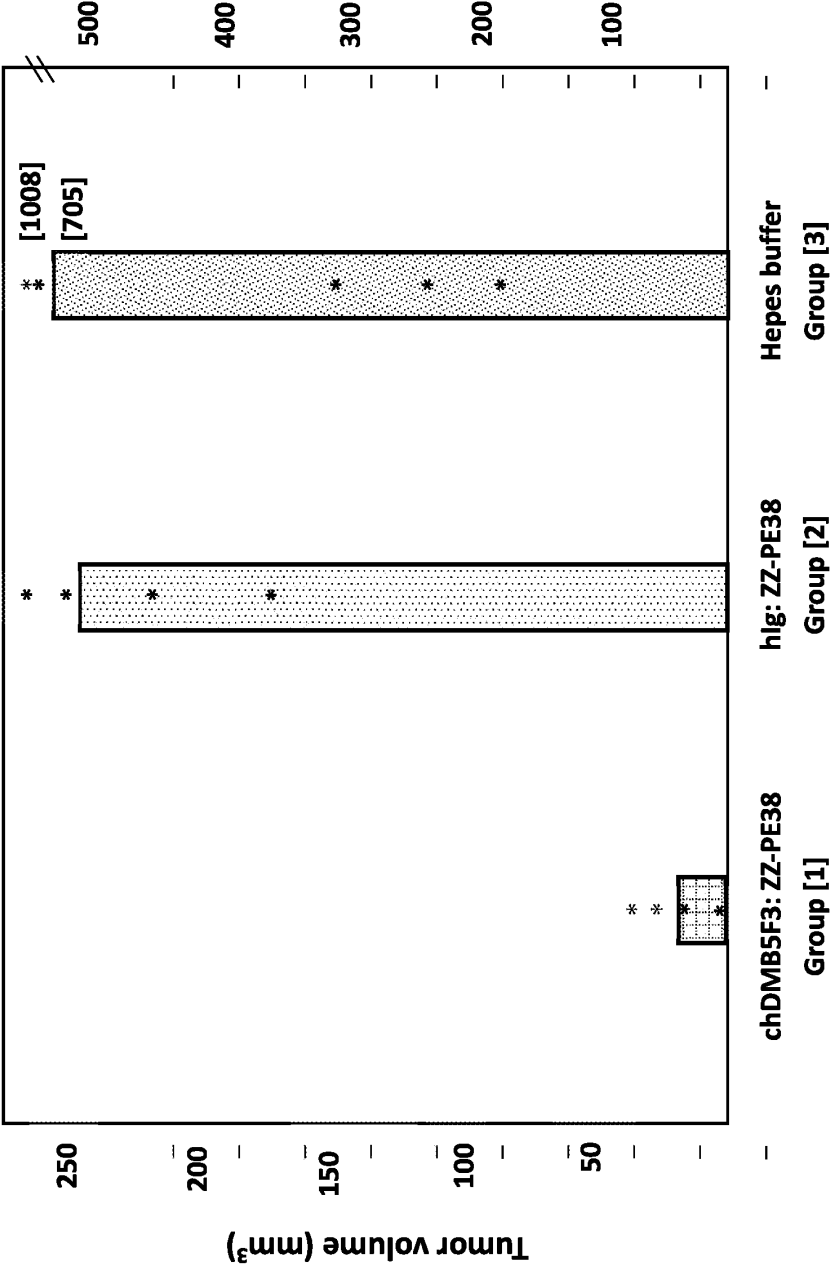


Fig. 7A

17/17

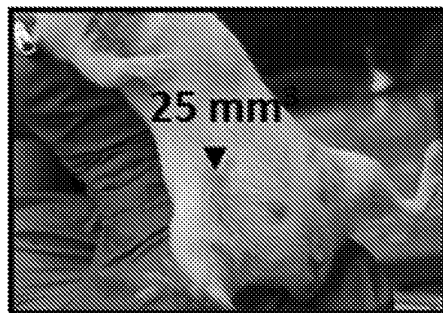


Fig. 7B

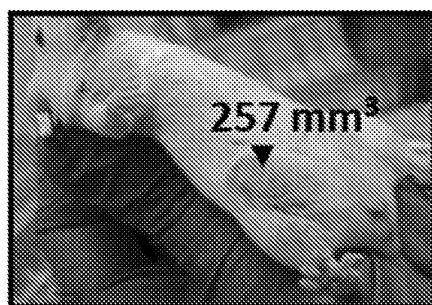


Fig. 7C

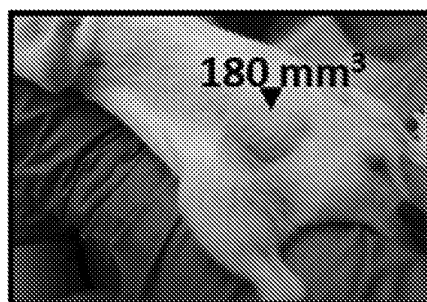


Fig. 7D