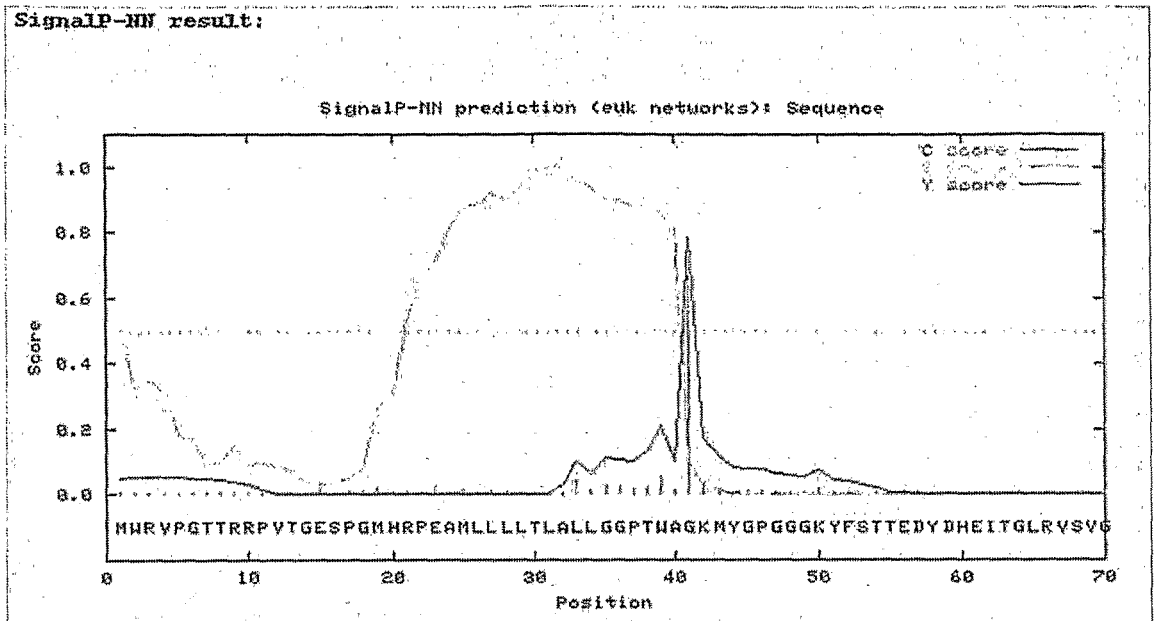
【DRAWINGS】

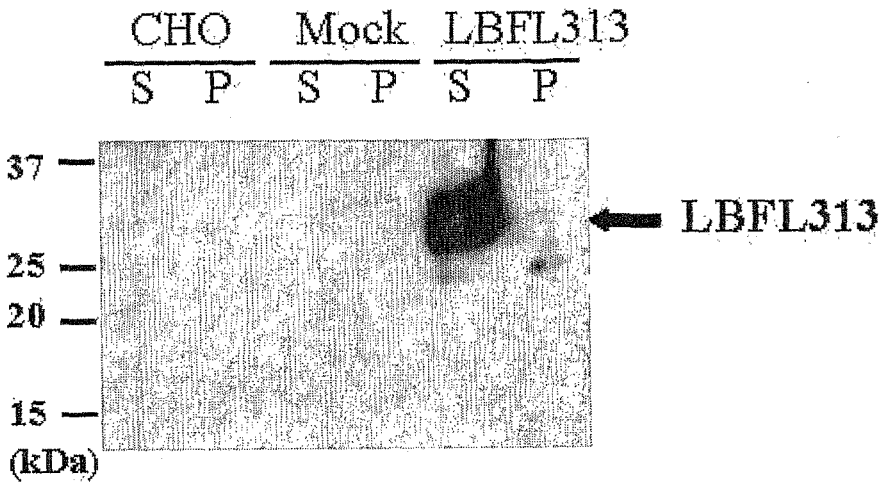
【Figure 1】



data

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>Sequence                 length = 70
# Measure  Position  Value   Cutoff  signal peptide?
  max. C     41       0.669   0.32    YES
  max. Y     41       0.780   0.33    YES
  max. S     32       0.997   0.87    YES
  mean S      1-40    0.517   0.48    YES
       D      1-40    0.649   0.43    YES
# Most likely cleavage site between pos. 40 and 41: TWA-GK
```

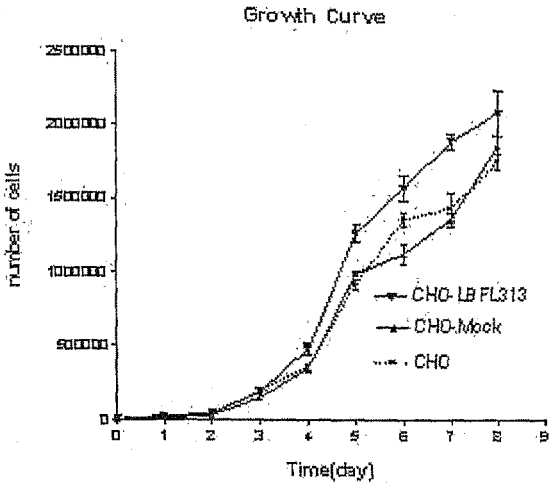
【Figure 2】



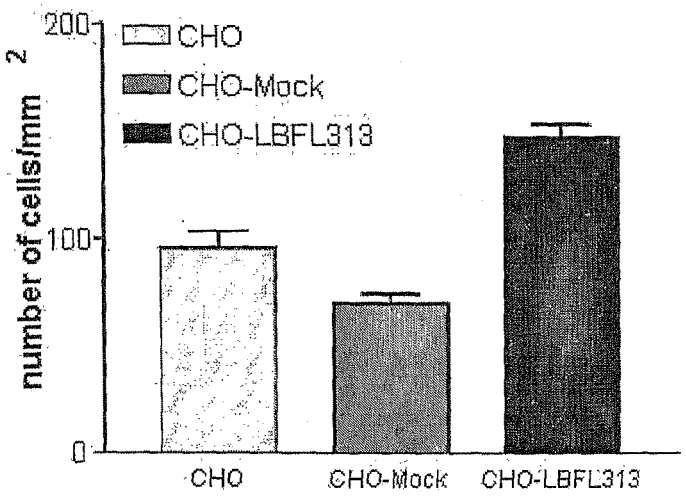
S = culture supernatant
P = cell pellet

【Figure 3】

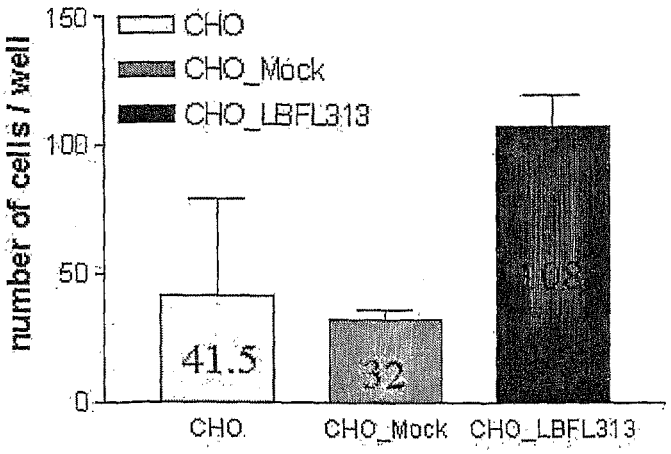
A. Proliferation



B. Migration

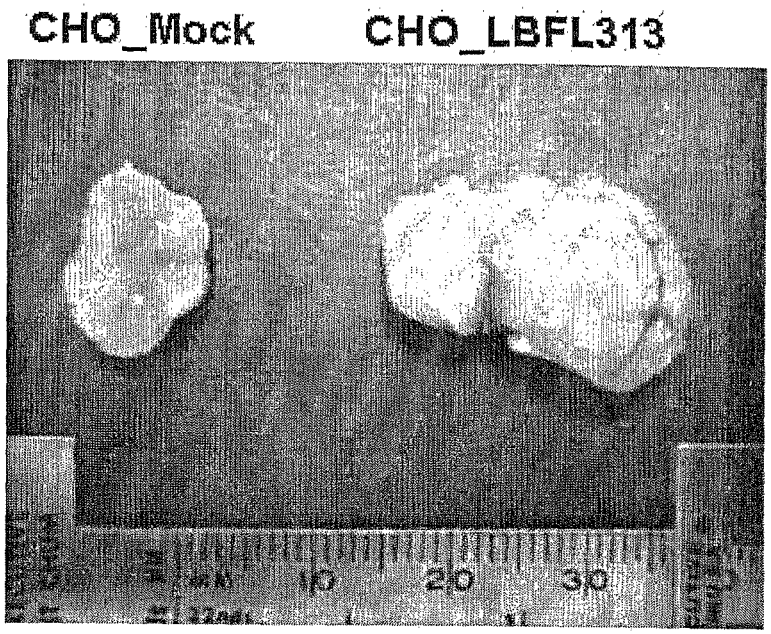


C. Invasion

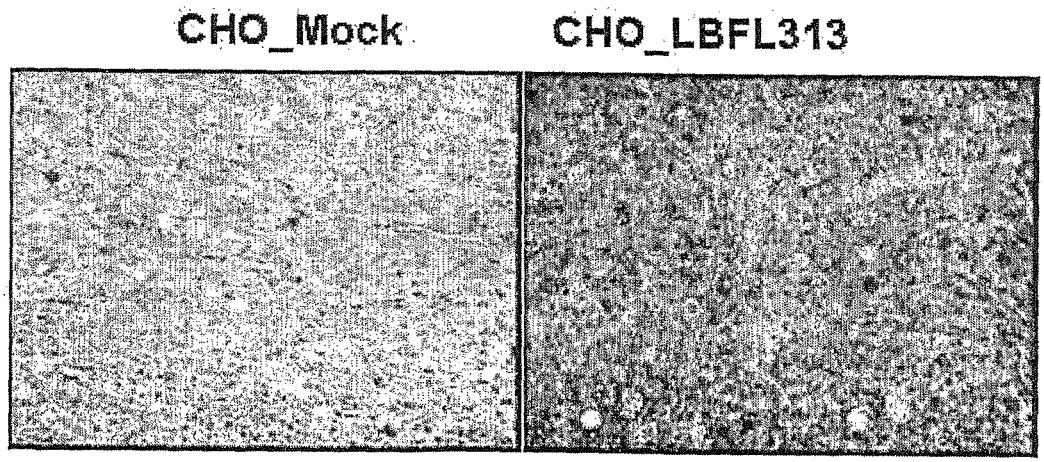


【Figure 4】

A. Tumor Size

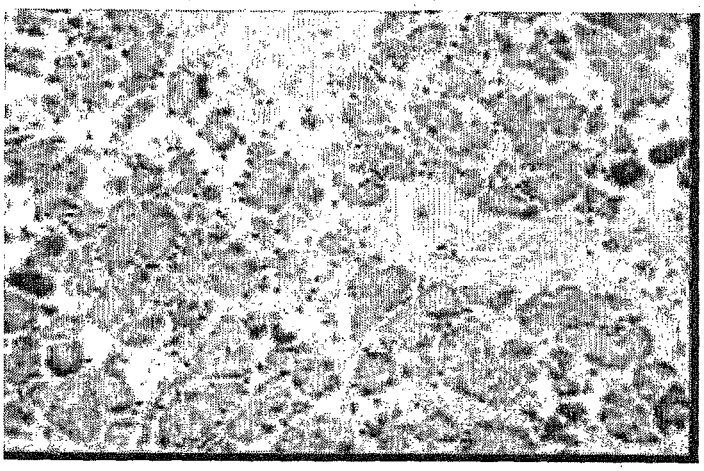


B. Factor VIII Staining

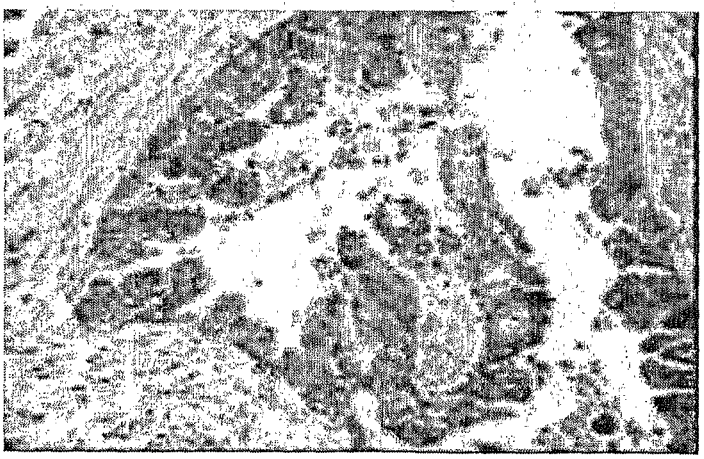


【Figure 5】

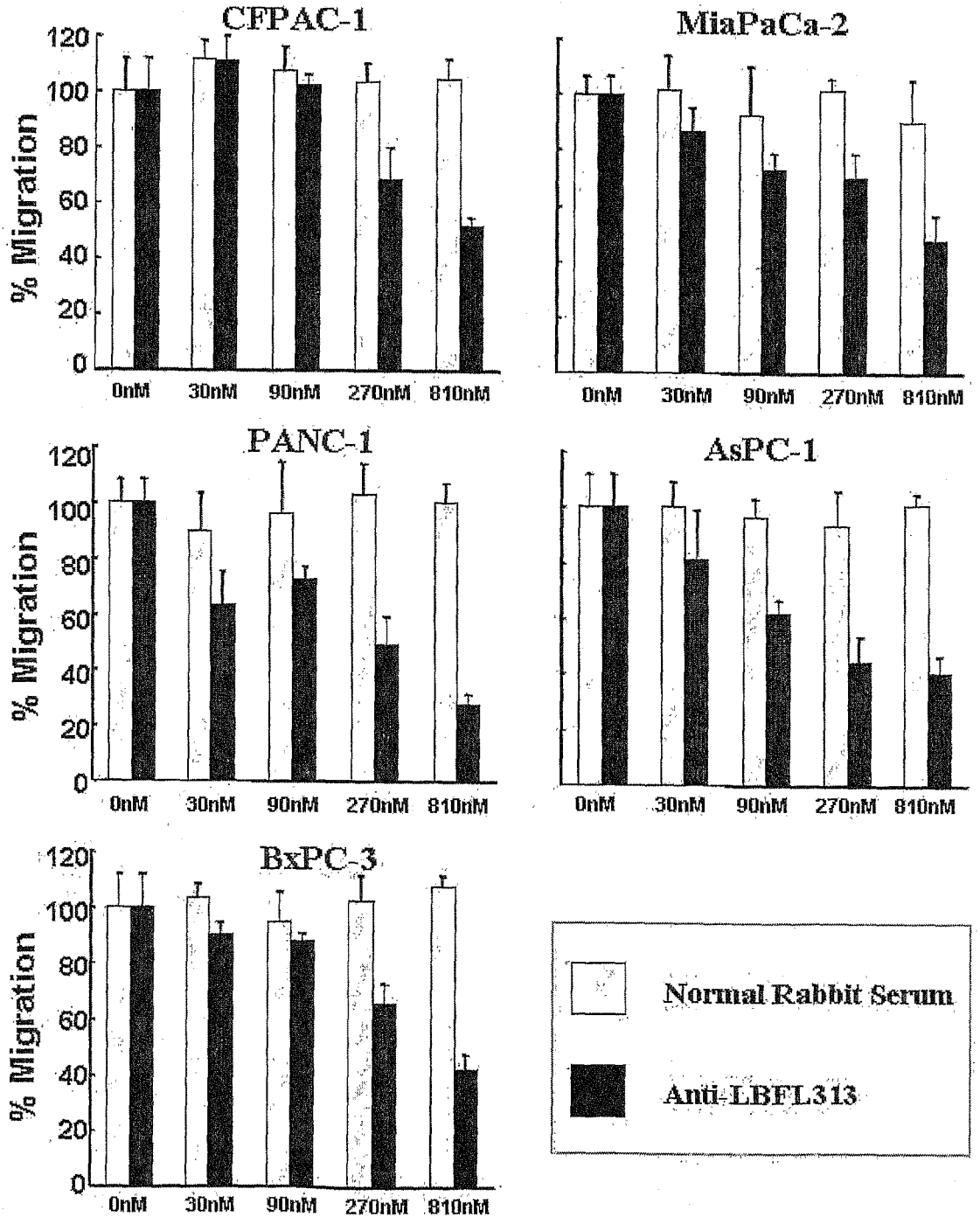
Normal Pancreas



Pancreatic Adenocarcinoma



【Figure 6】


CFPAC-1
MiaPaCa-2
PANC-1
AsPC-1
BxPC-3
% Migration
0
20
40
60
80
100
120
0nM
30nM
90nM
270nM
810nM
Normal Rabbit Serum
Anti-LBFL313

SEQUENCE LISTING

<110> KOH, Sang Seok
SONG, Si Young
KIM, Sun-A
LEE Yangsoon
JEON, Sun Bok
PARK, Euichul
KIM, Young-Gun

<120> GENE FAMILY (LBFL313) ASSOCIATED WITH PANCREATIC CANCER

<130>

<160> 2

<170> FastSEQ for Windows Version 4.0

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<211> 777
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<213> Homo sapiens

<220>
<221> CDS
<222> (53)...(643)
<223> Clone LBFL313

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atg cac cgg cca gag gcc atg ctg ctg ctg ctc acg ctt gcc ctc ctg
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tat ttc agc acc act gaa gac tac gac cat gaa atc aca ggg ctg cgg
gtg tct gta ggt ctt ctc ctg gtg aaa agt gtc cag gtg aaa ctt gga
gac tcc tgg gac gtg aaa ctg gga gcc tta ggt ggg aat acc cag gaa

gtc acc ctg cag cca ggc gaa tac atc aca aaa gtc ttt gtc gcc ttc
caa gct ttc ctc cgg ggt atg gtc atg tac acc agc aag gac cgc tat
ttc tat ttt ggg aag ctt gat ggc cag atc tcc tct gcc tac ccc agc
caa gag ggg cag gtg ctg gtg ggc atc tat ggc cag tat caa ctc ctt
ggc atc aag agc att ggc ttt gaa tgg aat tat cca cta gag gag ccg
acc act gag cca cca gtt aat ctc aca tac tca gca aac tca ccc gtg
ggt cgc tag ggtggggtat ggggccatcc gagctgaggc catctgtgtg
gtggtggctg atggtactgg agtaactgag tcgggacgct gaatctgaat ccaccaataa
ataaagcttc tgcagaatca aaaaaaaaaa aaaa

<210> 2
<211> 196
<212> PRT
<213> Homo sapiens

<400> 2
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Pro Gly Met His Arg Pro Glu Ala Met Leu Leu Leu Leu Thr Leu Ala
Leu Leu Gly Gly Pro Thr Trp Ala Gly Lys Met Tyr Gly Pro Gly Gly
Gly Lys Tyr Phe Ser Thr Thr Glu Asp Tyr Asp His Glu Ile Thr Gly
Leu Arg Val Ser Val Gly Leu Leu Leu Val Lys Ser Val Gln Val Lys
Leu Gly Asp Ser Trp Asp Val Lys Leu Gly Ala Leu Gly Gly Asn Thr
Gln Glu Val Thr Leu Gln Pro Gly Glu Tyr Ile Thr Lys Val Phe Val
Ala Phe Gln Ala Phe Leu Arg Gly Met Val Met Tyr Thr Ser Lys Asp
Arg Tyr Phe Tyr Phe Gly Lys Leu Asp Gly Gln Ile Ser Ser Ala Tyr
Pro Ser Gln Glu Gly Gln Val Leu Val Gly Ile Tyr Gly Gln Tyr Gln
Leu Leu Gly Ile Lys Ser Ile Gly Phe Glu Trp Asn Tyr Pro Leu Glu
Glu Pro Thr Thr Glu Pro Pro Val Asn Leu Thr Tyr Ser Ala Asn Ser
Pro Val Gly Arg

PCT

Original (for SUBMISSION)

0-1	**Form PCT/RO/134 (SAFE) Indications Relating to Deposited Microorganism(s) or Other Biological Material (PCT Rule 13bis)**	
0-1-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.51.018.193 MT/FOP 20070401/0.20.5.9
0-2	**International Application No.**	
0-3	**Applicant's or agent's file reference**	PP07-0107

1	**The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:**	
1-1	**page**	17
1-2	**line**	19
1-3	**Identification of deposit**	
1-3-1	Name of depositary institution	KCTC Korean Collection for Type Cultures
1-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
1-3-3	Date of deposit	30 May 2006 (30.05.2006)
1-3-4	Accession Number	KCTC KCTC 10954BP
1-5	**Designated States for Which Indications are Made**	all designations

FOR RECEIVING OFFICE USE ONLY

0-4	**This form was received with the international application:** (yes or no)	
0-4-1	Authorized officer	

FOR INTERNATIONAL BUREAU USE ONLY

0-5	**This form was received by the international Bureau on:**	
0-5-1	Authorized officer	