

Supplementary Materials

Table S1. Antibody information for immunofluorescence staining experiment.

Antibodies	Source	Identifier	Host
Anti-Prosurfactant protein C/Prospc antibody	abcam	ab90716	Rabbit
Aquaporin 5/Aqp5 antibody	Santa Cruz Biotechnology	sc-514022	Mouse
Recombinant Anti-Ki67 antibody	abcam	ab279653	Mouse
Alexa Fluor 488-labeled Goat Anti-Mouse IgG(H+L)	abcam	A0428	-
Alexa Fluor 647-labeled Goat Anti-Rabbit IgG(H+L)	abcam	A0468	-

Table S2. Primer sequences for mouse-specific genes used in our experiment.

Gene	Forward Primer (5' to 3')	Reverse Primer (5' to 3')
<i>Gapdh</i>	TGGCCTTCCGTGTTCTAC	GAGTTGCTGTTGAAGTCGA
<i>Aqp5</i>	AGAAGGAGGTGTGTTTCAGTTGC	TAATGGCCGGATTGATGTGGC
<i>Hopx</i>	ATACTGTCCCCTCGGAGTGT	GTGCGCGTCTGACTAAGGAT
<i>Pdpm</i>	GTTTTGGGGAGCGTTTGGTTC	CATTAAGCCCTCCAGTAGCAC
<i>Igfbp2</i>	CAGACGCTACGCTGCTATCC	CCCTCAGAGTGGTCGTCATCA
<i>Sftpb</i>	TGAACAGGCTATGCCACAGG	GACCGCGTTCTCAGAGGTG
<i>Sftpc</i>	CATGGGCCTCCACATGAGTC	GCTTATAGGCCGTCAGGAGC
<i>Sftpd</i>	ACGTGGACTAAGTGGACCTCC	CCTTTTGCCCCGTGTAGATCCTT

Table S3. Primer sequences for human-specific genes used in our experiment.

Gene	Forward Primer (5' to 3')	Reverse Primer (5' to 3')
<i>GAPDH</i>	GGAGCGAGATCCCTCCAAAAT	GGCTGTTGTCATACTTCTCATGG
<i>CTNNB1</i>	CATCTACACAGTTTGTATGCTGCT	GCAGTTTTGTCTAGTTCAGGGA
<i>MYC</i>	TTCATAACGCGCTCTCCAAGTA	TCAAGAGTCCCAGGGAGAGT
<i>MKI67</i>	ACGCCTGGTTACTATCAAAAGG	CAGACCCATTTACTTGTGTTGGA
<i>PCNA</i>	GCCTGACAAATGCTTGCTGAC	TTGATGAGGTCCTTGAGTGCC
<i>CCND3</i>	CCGAAACTTGGCTGAGCAGA	GTGTTTACAAAGTCCGCGCC
<i>NOTCH2</i>	GGTGGATACAGATGCGAGTGT	CTTAAGACAATGCCCTGGATGG
<i>JAG1</i>	TCACGGGAAGTGCAAGAGTC	GTTTCACAGTAGGCCCTCTC
<i>HES1</i>	AAGAAAGATAGCTCGCGCA	CCTCGGTATTAACGCCCTCG
<i>TGFBR1</i>	ACGGCGTTACAGTGTTTCTG	GCACATACAAACGGCCTATCTC
<i>TGFBR2</i>	GTGCTCTGTGGGTACCTTGA	GCGCTGGGTTGGAGATGTTA
<i>TGFBI</i>	AGGCCTTCGAGAAGATCCCT	GAGATGATCGCCTTCCCGTT
<i>BMPRI1A</i>	CCTGTTGTCATAGGTCCGTTTT	ATCCTGTTCCAAATCACGATTGT
<i>BMPRI2</i>	CACTCAGTCCACCTCATTCATT	TTGTTTACGGTCTCCTGTCAAC
<i>BMP2</i>	TCCTAAGGAGGACGACAGCA	TGGGGTGCAGCAAGTTATTCT

<i>BMP4</i>	CTAGGTGAGTGTGGCATCCG	ACGACCATCAGCATTCCGGTT
<i>FST</i>	GTGTATCAAAGCAAAGTCCTGTGAA	GCTCAGGTTTTACGGGCAGA
<i>FSTL1</i>	ACCCACCTGTCTCTGCATTG	AGCTCATCACGGTTGGACTG
<i>IL8</i>	TCTGCAGCTCTGTGTGAAGG	TTCTCAGCCCTCTTCAAAAAC TTC
<i>IL11</i>	CATGAACTGTGTTTGCCGCC	GGAATCCAGGTTGTGGTCCC
<i>IL18</i>	ATCGCTTCCTCTCGCAACAA	GAGGCCGATTTCCCTGGTCA
<i>IL1B</i>	AGCTACGAATCTCCGACCAC	CGTTATCCCATGTGTGCGAAGAA
<i>CCL2</i>	CCTTCATTCCCCAAGGGCTC	GGTTTGCTTGTCAGGTGGT
<i>CSF2</i>	GAGACACTGCTGCTGAGATGA	AGGGCAGTGCTGCTTGTAG

Table S4. Antibody information for Western blot analysis in our experiment.

Antibodies	Source	Identifier	Host	Dilution
Recombinant anti-alpha tubulin antibody	abcam	ab52866	Rabbit	1:2500
SFTPC antibody	GeneTex	GTX134340	Rabbit	1:1000
Anti-Aquaporin 5 (Aqp5) antibody	abcam	ab78486	Rabbit	1:10000
Anti-HOPX antibody	abcam	ab195974	Rabbit	1:1000
Recombinant anti-RAGE antibody	abcam	ab181293	Rabbit	1:5000
P53 Monoclonal antibody	proteintech	60283-2-Ig	Mouse	1:7000
P21 Polyclonal antibody	proteintech	27296-1-AP	Rabbit	1:600
Recombinant anti-Cyclin B1 antibody	abcam	ab181593	Rabbit	1:2000
Recombinant anti-Histone H3 (phospho S10) antibody	abcam	ab267372	Rabbit	1:1000
HRP-labeled Goat Anti-Rabbit IgG(H+L)	Beyotime	A0208	-	1:1000
HRP-labeled Goat Anti-Mouse IgG(H+L)	Beyotime	A0216	-	1:1000