

**Supplementary table 1:** List of antibodies, retrieval methods, incubation times, dilutions and staining platforms used for immunohistochemistry.

**Examined fibroblast markers**

Antigen	Species and clonality	Company	Clone/ Product ID	Epitope retrieval	Incubation	Dilution	Platform	Detection
Annexin II	Mouse, mAb	BD Biosciences	5	HIER: TEG / MWO 15min	60min / RT	1:500	Manuel	EnVision
Beta Catenin	Mouse, mAb	BD Biosciences	14	HIER: CC1_48_100	32min / 36°C	1:500	BenchMark	OptiView
Calponin	Rabbit, mAb	Epitomics	EP63	HIER: CC1_32_100	16min / 36°C	1:25	BenchMark	OptiView
Caveolin-1	Rabbit, mAb	Ventana Medical Systems	SP43	Non-HIER: Protease (3/4) + HIER: CC1_32_100	16min / 36°C	RTU	BenchMark	OptiView
CD10	Mouse mAb	Novocastra	56C6	HIER: CC1_32_100	32min / 36°C	1:10	BenchMark	OptiView
CD34	Rabbit, mAb	Epitomics	EP88	HIER: CC1_32_100	16min / 36°C	1:50	BenchMark	OptiView
CD44	Mouse, mAb	Dako	DF1485	HIER: CC1_32_100	20min / 36°C	1:25	BenchMark	OptiView
CD90	Rabbit, mAb	Abcam	EPR3132	HIER: TEG / MWO 15min	60min / RT	1:100	Manuel	EnVision
CD99	Rabbit, mAb	Epitomics	EPR3097Y	HIER: CC1_32_100	24min / 36°C	1:2000	BenchMark	OptiView
CD133	Mouse, mAb	Miltenyi Biotec	W6B3C1	HIER: TEG / MWO 15min	60min / RT	1:40	Autostainer	CSA II
CD271	Mouse, mAb	Cell Marque	MRQ-21	HIER: TRS-30_97	20min / 32°C	1:2000	Omnis	EnVision
Cytoglobin	Rabbit, pAb	Sigma Aldrich	HPA017757	HIER: EDTA / MWO 15min	O/N / 4°C	1:100	Manuel	EnVision
DOG1	Rabbit, mAb	Ventana Medical Systems	SP31	HIER: CC1_32_95 + Non- HIER: Protease (3/4)	8min./ 36°C	RTU	BenchMark	OptiView
Factor XIIIa	Rabbit, mAb	Ventana Medical Systems	EP3372	HIER: CC1_48_100	32min / 36°C	RTU	BenchMark	OptiView
FAP	Rabbit, pAb	Abcam	ab53066	HIER: TEG / MWO 15min	60min / RT	1:100	Manuel	EnVision
Galectin 1	Mouse, mAb	Santa Cruz	C-8	HIER: TRS / MWO 15min	60min / RT	1:200	Manuel	EnVision
Glypican 1	Rabbit, pAb	Thermo Fisher	PA5-28055	HIER: Citrate / MWO 15min	60min / RT	1:400	Manuel	EnVision
HSP-47	Mouse, mAb	Merck Millipore	M16.10A1	HIER: TRS / MWO 15min	60min / RT	1:15.000	Manuel	EnVision
HSP-70	Mouse, mAb	Santa Cruz	W27	HIER: CC1_48_100	16 min / 36°C	1:250	BenchMark	OptiView
Nestin	Mouse, mAb	R&D Systems	196908	HIER: CC1_32_100	16min / 36°C	1:1000	BenchMark	OptiView
Notch-3	Rabbit, pAb	Abcam	ab23426	HIER: CC1_32_100	32min / 36°C	1:500	BenchMark	OptiView
Osteonectin	Mouse, mAb	NovoCastra	15G12	HIER: CC1_48_100	16min / 36°C	1:200	BenchMark	OptiView

p16	Mouse, mAb	Fuzhou Maixin Biotech	MX007	HIER: CC1_32_100	20min / 36°C	1:500	BenchMark	OptiView
PDGF-R $\beta$	Rabbit, mAb	Cell Signaling	28E1	HIER: EDTA / MWO 15min	60min / RT	1:100	Manuel	EnVision
PGP9.5	Rabbit, pAb	Ventana Medical Systems	760-4434	HIER: CC1_32_100	12min / 36°C	RTU	BenchMark	OptiView
Podoplanin	Mouse, mAb	Ventana Medical Systems	D2-40	HIER: CC1_32_100	32min / 36°C	RTU	BenchMark	OptiView
Plectin-1	Rabbit, mAb	Epitomics	E398P	Non- HIER: Protease (1/8)	32min / 36°C	1:4000	BenchMark	OptiView
S100A4	Rabbit, pAb	Abcam	ab27957	HIER: CC1_32_100	16min / 36°C	1:1000	BenchMark	OptiView
TGF $\beta$ 1	Rabbit, pAb	Sigma-Aldrich	SAB4502954	HIER: TEG / MWO 15min	60min / RT	1:200	Manuel	EnVision
Tissue Transglutaminase 2	Mouse, mAb	Abcam	CUB 7402	HIER: Citrate / MWO 15min	60min / RT	1:200	Manuel	EnVision
Vinculin	Mouse, mAb	Sigma-Aldrich	hVIN-1	HIER: CC1_32_100	16min / 36°C	1:15.000	BenchMark	OptiView
ZEB-1	Rabbit, pAb	Sigma-Aldrich	HPA027524	HIER: TEG / MWO 15min	60min / RT	1:200	Autostainer	EnVision

### Examined ECM markers

Antigen	Species and clonality	Company	Clone/ Product ID	Epitope retrieval	Incubation	Dilution	Platform	Detection
Fibronectin	Rabbit, pAb	Dako	A0245	Non- HIER: Pepsin / 30min	60min / RT	1:8000	Autostainer	EnVision
Collagen IV	Mouse, mAb	Ventana Medical Systems	CIV22	HIER: CC1_24_95 + Non- HIER: Protease (2/4)	12min / 36°C	RTU	BenchMark	OptiView
Fibulin-5	Rabbit, pAb	Sigma-Aldrich	HPA000868	HIER: Citrate / MWO 15min	60min / RT	1:25	Manuel	EnVision
MFAP-4	Mouse, mAb	Gift from U. Holmskov, Odense	HYB7-14	Non- HIER: Protease / 15min	60min / RT	1:50	Manuel	EnVision
Lumican	Goat, pAb	R&D Systems	AF2846	HIER: Citrate / MWO 15min	60min / RT	1:2000	Manuel	EnVision
Periostin	Rabbit, pAb	Abcam	ab14041	HIER: TEG / MWO 15min	60min / RT	1:100	Autostainer	EnVision
Tenascin C	Mouse, mAb	NovoCastra	49	HIER: CC1_32_95 + Non- HIER: Protease (3/4)	32min / 36°C	1:100	BenchMark	OptiView

## Markers used to detect different cell types

Antigen	Species and clonality	Company	Clone/ Product ID	Epitope retrieval	Incubation	Dilution	Platform	Detection
$\alpha$ -SMA (myofibroblasts)	Mouse mAb	Nordic BioSite	BS66	HIER: CC1_32_100	16min / 36°C	1:1000	BenchMark	OptiView
CD3 (T cells)	Rabbit, mAb	Ventana Medical Systems	2GV6	HIER: CC1_32_100	8min / 36°C	RTU	BenchMark	OptiView
CD20 (B cells)	Mouse, mAb	Ventana Medical Systems	L26	HIER: CC1_24_100	8min / 36°C	RTU	BenchMark	OptiView
CD68 (macrophages)	Mouse, mAb	Ventana Medical Systems	KP1	HIER: CC1_24_100	12min / 36°C	RTU	BenchMark	OptiView
CD117 (mast cells and stem cells/progenitor cells)	Rabbit, mAb	Epitomics	YR145	HIER: CC1_32_100	16min / 36°C	1:1000	BenchMark	OptiView
CD163 (macrophages and monocytes)	Mouse mAb	Ventana Medical Systems	MRQ-26	HIER: CC1_32_100	32min / 36°C	RTU	BenchMark	OptiView
ERG (endothelial cells)	Rabbit, mAb	Ventana Medical Systems	EPR3864	HIER: CC1_32_100	16min / 36°C	RTU	BenchMark	OptiView
IBA-1 (macrophages)	Rabbit, pAb	Wako Pure Chemical Industries	019-19741	HIER: CC1_32_100	16min / 36°C	1:2000	BenchMark	OptiView
Maspin (adenocarcinoma cells)	Mouse mAb	Pharmingen	G167-70	HIER: CC1_32_100	32min / 36°C	1:100	BenchMark	OptiView
MPO (neutrophils)	Rabbit, pAb	Dako	A0398	No retrieval	32min / 36°C	1:1000	BenchMark	OptiView
Synaptophysin (axons and neuro-endocrine cells)	Mouse, mAb	NovoCastra	27G12	HIER: CC1_48_100	32min / 36°C	1:50	BenchMark	OptiView
Tryptase (mast cells)	Mouse, mAb	Dako	AA1	Non- HIER: Protease (1/4)	8min / 36°C	1:200	BenchMark	OptiView
Von Willebrand Factor (endothelial cells)	Rabbit, pAb	Dako	A0082	HIER: CC1_32_100	8min / 36°C	1:4000	BenchMark	OptiView

**Abbreviations:**  *$\alpha$ -SMA*:  $\alpha$ -smooth muscle actin, *CC1*: cell conditioning solution 1 (pH 8.5, Ventana Medical Systems), *CC1\_X\_X*: CC1\_minutes incubated\_degrees Celsius, *CD*: cluster of differentiation, *DOG1*: discovered on gastrointestinal stromal tumor 1, *EDTA*: ethylenediaminetetraacetic acid, *ERG*: ETS-related gene, *FAP*: fibroblast activation protein, *HIER*: heat induced epitope retrieval, *HSP-47*: heat shock protein 47, *HSP-70*: heat shock protein 70, *mAb*: monoclonal antibody, *MFAP-4*: microfibril associated protein 4, *MWO*: microwave oven, *MPO*: myeloperoxidase, *O/N*: overnight, *pAb*: polyclonal antibody, *PDGF-R $\beta$* : platelet-derived growth factor receptor  $\beta$ , *PGP9.5*: Protein Gene Product 9.5, *Protease (X/X)*: Protease (variant/minutes incubated), *RTU*: ready to use, *RT*: room temperature, *S100A4*: S100 calcium-binding protein A4, *TEG*: Tris 10mM, EGTA, 0.5 mM, pH 9, *TGF  $\beta$ 1*: Transforming growth factor beta 1, *TRS*: Target Retrieval Solution (Dako), *TRS\_X\_X*: TRS\_minutes incubated\_degrees Celsius, *ZEB-1*: Zinc finger E-box-binding homeobox 1.

**Supplementary table 2:** List of antibody combinations, retrieval, incubation time and dilutions used for double-immunofluorescence

Antigen	Species and clonality	Company	Product ID	Epitope retrieval	Incubation	Dilution
$\alpha$ -SMA Cytoglobin	Mouse, mAb Rabbit, pAb	Nordic Biosite Sigma Aldrich	BS66 HPA017757	HIER: EDTA / MWO 15min	60min / RT O/N	1:1000 1:50
$\alpha$ -SMA DOG1	Mouse, mAb Rabbit, mAb	Nordic Biosite Cell Marque	BS66 SP31	HIER: TEG / MWO 15min	60min / RT	1:1000 1:20
CD10 $\alpha$ -SMA	Mouse, mAb Rabbit, mAb	Novocastra Spring Bio	56C6 SP171	HIER: TEG / MWO 15min	60min / RT	1:50 1:200
CD10 ERG	Mouse, mAb Rabbit, mAb	Novocastra Abcam	56C6 EPR3864	HIER: TEG / MWO 15min	60min / RT	1:50 1:800
CD10 IBA1	Mouse, mAb Rabbit, pAb	Novocastra Wako Pure Chemical Industries	56C6 019-19741	HIER: TEG / MWO 15min	60min / RT	1:50 1:1000
CD163 Cytoglobin	Mouse, mAb Rabbit, pAb	Novocastra Sigma Aldrich	10D6 HPA017757	HIER: EDTA / MWO 15min	60min / RT O/N	1:800 1:50
CD271 $\alpha$ -SMA	Mouse, mAb Rabbit, mAb	Cell Marque Spring Bio	MRQ-21 SP171	HIER: TEG / MWO 15min	60min / RT	1:1000 1:200
CD271 ERG	Mouse, mAb Rabbit, mAb	Cell Marque Abcam	MRQ-21 EPR3864	HIER: TEG / MWO 15min	60min / RT	1:1000 1:800
CD271 IBA1	Mouse, mAb Rabbit, pAb	Cell Marque Wako Pure Chemical Industries	MRQ-21 019-19741	HIER: TEG / MWO 15min	60min / RT	1:1000 1:1000
Nestin $\alpha$ -SMA	Mouse, mAb Rabbit, mAb	R&D system Spring Bio	196908 SP171	HIER: TEG / MWO 15min	60min / RT	1:500 1:200
Nestin ERG	Mouse, mAb Rabbit, mAb	R&D system Abcam	196908 EPR3864	HIER: TEG / MWO 15min	60min / RT	1:500 1:800
Von Willebrandt Factor Cytoglobin	Mouse, mAb Rabbit, pAb	Abcam Sigma Aldrich	F8/86 HPA017757	HIER: EDTA / MWO 15min	60min / RT O/N	1:20 1:50
<b>Secondary antibodies</b>						
Alexa Fluor 488 anti-mouse	Donkey, pAb	Thermo Fischer	A21202	-	45min/RT	1:200
Alexa Fluor 488 anti-rabbit	Donkey, pAb	Thermo Fischer	A31572	-	45min/RT	1:200
Alexa Fluor 555 anti-mouse	Donkey, pAb	Thermo Fischer	A31570	-	45min/RT	1:200
Alexa Fluor 555 anti-rabbit	Donkey, pAb	Thermo Fischer	A21206	-	45min/RT	1:200

**Abbreviations:**  *$\alpha$ -SMA*:  $\alpha$ -smooth muscle actin , *CD*: cluster of differentiation, *DOG1*: discovered on gastrointestinal stromal tumor 1, *EDTA*: ethylenediaminetetraacetic acid, *ERG*: ETS-related gene , *HIER*: heat induced epitope retrieval, *IBA1*: ionized calcium-binding adapter molecule 1, *mAb*: monoclonal antibody, *MWO*: microwave oven, *O/N*: overnight, *pAb*: polyclonal antibody , *PDGF R $\beta$* : platelet-derived growth factor receptor  $\beta$  , *RT*: room temperature, *TEG*: Tris 10mM, EGTA, 0.5 mM, pH 9.

**Supplementary table 3:** List of LNA probes and related experimental conditions used for *in situ* hybridization analyses

Target RNA	nt	Probe sequence	T <sub>m</sub> (°C)	T <sub>hyb</sub> (°C)	Probe concentration (nM)	NBT (min)
miR-21-5p	22	TCAACATCAGTCTGATAAGCTA	83	60	2	30
miR-126-3p	20	CATTATTACTCACGGTACGA	84	60	5	60
miR-199a-3p	22	TAACCAATGTGCAGACTACTGT	85	58	10	60
miR-214-3p	22	ACTGCCTGTCTGTGCCTGCTGT	88	58	10	60
miR-221-3p	22	AAACCCAGCAGACAATGTAGCT	86	58	10	120
Scramble	21	TGTAACACGTCTATACGCCCA	87	58	10	60

**Abbreviations:** *nt*: Nucleotides, *T<sub>hyb</sub>*: hybridization temperature, *T<sub>m</sub>*: Predicted probe:RNA melting temperature, *NBT*: Substrate incubation time.

**Supplementary table 4:** Expression of 45 markers in the juxtatumoral, peripheral, lobular, and septal stromal compartments in pancreatic resection specimens with PC. Seven of the markers showed a statistically significant different expression in juxtatumoral compared to peripheral stroma.

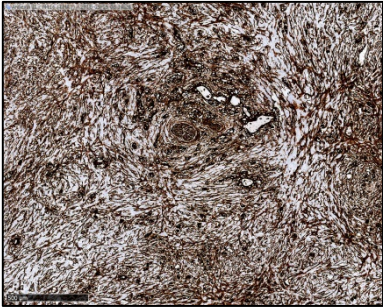

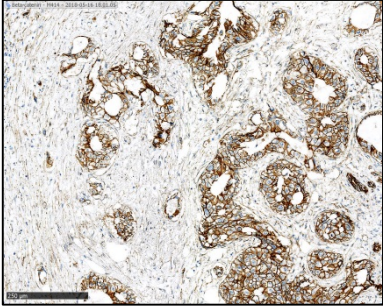
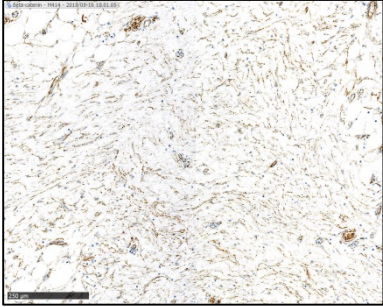
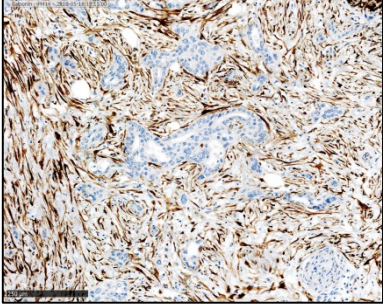
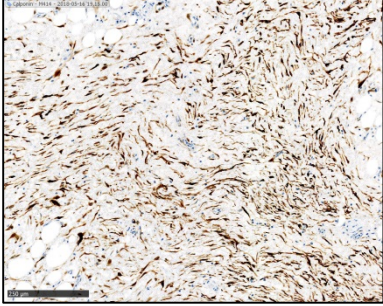
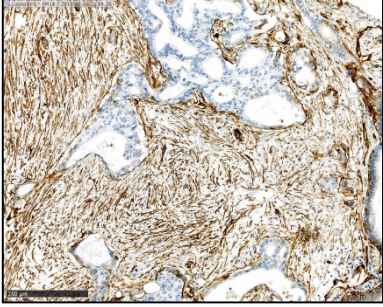
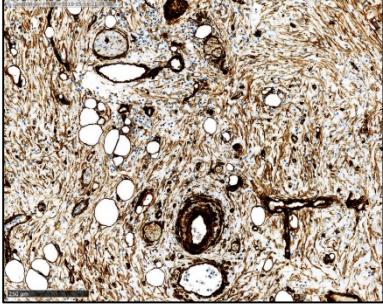
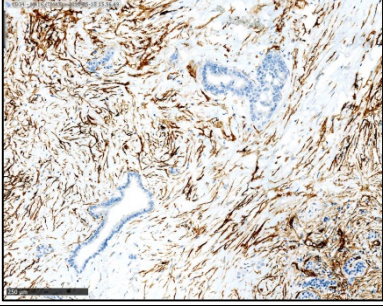

	Stromal compartments within the tumor			Stromal compartments in the peritumoral pancreatic parenchyma	
Marker	j-CAFs MLS (SEM)	p-CAFs MLS (SEM)	Statistical comparison (j-CAF vs p-CAF)	l-FBs MLS (SEM)	s-FBs MLS (SEM)
<b>IHC markers</b>					
<b>Annexin II</b>	3.88 (0.13)	3.88 (0.13)	NS	4.0 (0.0)	4.0 (0.0)
<b>Beta Catenin</b>	1.63 (0.32)	1.63 (0.18)	NS	1.13 (0.23)	1.25 (0.16)
<b>Calponin</b>	3.25 (0.25)	3.0 (0.27)	NS	2.13 (0.4)	2.88 (0.13)
<b>Caveolin-1</b>	3.25 (0.25)	3.0 (0.19)	NS	3.13 (0.35)	3.13 (0.23)
<b>CD10</b>	2.63 (0.32)	0.75 (0.25))	P < 0.01	1.38 (0.18)	0.88 (0.23)
<b>CD34</b>	2.0 (0.33)	2.13 (0.3)	NS	2.75 (0.37)	2.88 (0.3)
<b>CD44</b>	1.38 (0.5)	1.0 (0.38)	NS	1.13 (0.4))	1.25 (0.41)
<b>CD90</b>	3.63 (0.18)	3.5 (0.27)	NS	4.0 (0.0)	3.88 (0.13)
<b>CD99</b>	2.88 (0.23)	2.75 (0.25)	NS	2.5 (0.19)	2.25 (0.31)
<b>CD133</b>	2.13 (0.23)	1.75 (0.37)	NS	1.71 (0.36)	1.71 (0.29)
<b>CD271</b>	0.88 (0.23)	2.5 (0.19)	P < 0.05	2.88 (0.3)	2.88 (0.3)
<b>Cytoglobin</b>	2.5 (0.27)	1.13 (0.13)	P < 0.01	2.75 (0.16)	1.88 (0.23)
<b>DOG1</b>	1.75 (0.31)	0.13 (0.13)	P < 0.001	0.63 (0.18)	0.63 (0.26)
<b>Factor XIIIa</b>	0.88 (0.4)	0.63 (0.32)	NS	0.63 (0.32)	0.63 (0.32)
<b>FAP</b>	3.38 (0.26)	3.0 (0.19)	NS	3.0 (0.27)	2.75 (0.16)
<b>Galectin 1</b>	3.38 (0.26)	2.75 (0.16)	NS	3.0 (0.27)	2.38 (0.18)
<b>Glypican 1</b>	2.5 (0.33)	2.13 (0.23)	NS	2.38 (0.32)	2.38 (0.18)
<b>HSP-47</b>	3.25 (0.16)	3.13 (0.13)	NS	3.25 (0.16)	3.0 (0.19)
<b>HSP-70</b>	1.63 (0.18)	2.0 (0.27)	NS	1.5 (0.27)	1.5 (0.19)
<b>Nestin</b>	2.13 (0.13)	1.13 (0.13)	P < 0.01	2.38 (0.18)	1.5 (0.19)
<b>Notch-3</b>	3.63 (0.18)	3.25 (0.25)	NS	3.25 (0.16)	3.38 (0.18)
<b>Osteonectin</b>	2.75 (0.16)	2.88 (0.13)	NS	2.25 (0.31)	2.5 (0.19)

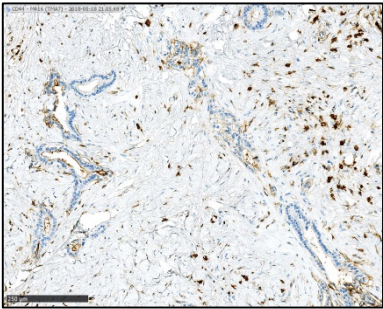
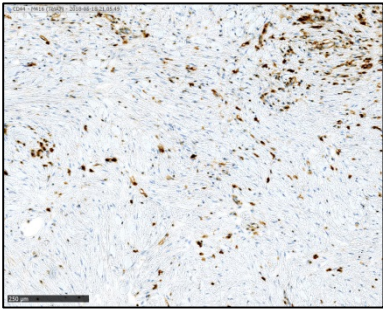
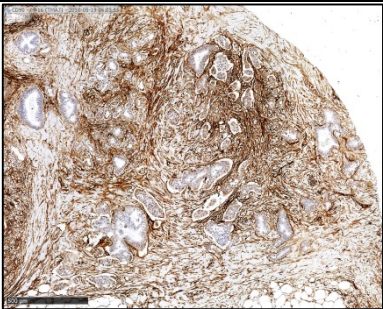
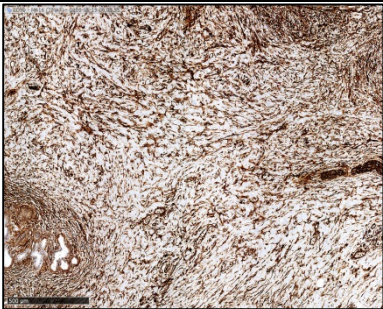
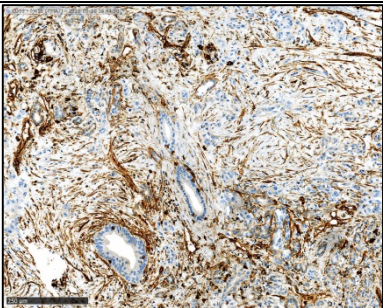
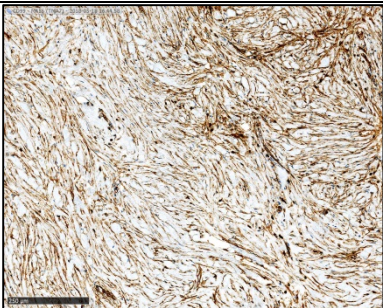
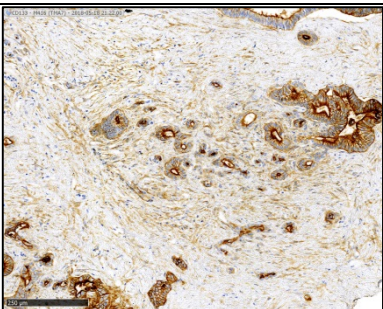
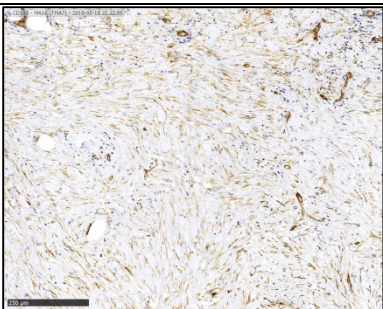
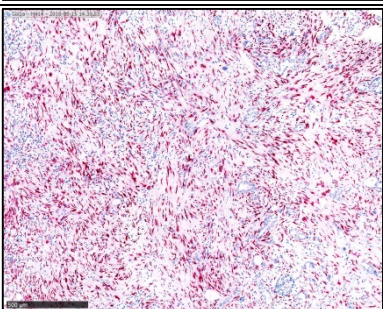
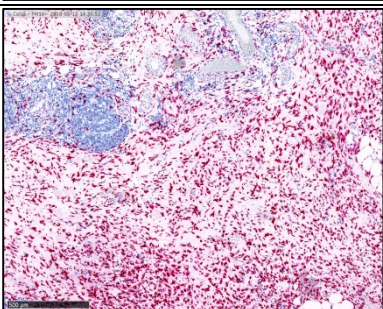
<b>p16</b>	1.0 (0.27)	1.13 (0.35)	NS	0.75 (0.25)	0.75 (0.25)
<b>PDGF-R<math>\beta</math></b>	3.25 (0.25)	2.88 (0.13)	NS	3.63 (0.18)	3.25 (0.16)
<b>PGP9.5</b>	2.57 (0.2)	2.71 (0.18)	NS	2.0 (0.31)	2.57 (0.2)
<b>Plectin-1</b>	2.0 (0.33)	1.63 (0.18)	NS	1.0 (0.19)	1.25 (0.25)
<b>Podoplanin</b>	1.38 (0.32)	1.5 (0.33)	NS	0.75 (0.31)	1.25 (0.31)
<b>S100A4</b>	1.88 (0.3)	2.0 (0.19)	NS	1.88 (0.23)	1.75 (0.41)
<b>TGF-<math>\beta</math>1</b>	2.63 (0.18)	2.13 (0.23)	NS	2.0 (0.27)	1.86 (0.26)
<b>Tissue Transglutaminase 2</b>	3.0 (0.19)	2.75 (0.16)	NS	3.63 (0.18)	3.38 (0.18)
<b>Vinculin</b>	3.5 (0.19)	3.13 (0.13)	NS	3.25 (0.25)	3.25 (0.25)
<b>ZE1</b>	2.88 (0.13)	2.88 (0.13)	NS	3.0 (0.22)	2.57 (0.2)
<b>ISH markers</b>					
<b>COL1A1 mRNA</b>	3.14 (0.1)	3.2 (0.14)	NS	2.9 (0.19)	3.17 (0.2)
<b>miR-21</b>	2.24 (0.19)	0.75 (0.18)	P < 0.001	0.95 (0.17)	1.05 (0.22)
<b>miR-199a</b>	1.48 (0.18)	1.25 (0.16)	NS	1.47 (0.22)	1.32 (0.23)
<b>miR-214</b>	0.52 (0.15)	0.38 (0.13)	NS	0.53 (0.18)	0.53 (0.16)
<b>miR-221</b>	0 (0.0)	0 (0.0)	NS	0 (0.0)	0 (0.0)
<b>Marker</b>	<b>J-ECM</b> MLS (SEM)	<b>P-ECM</b> MLS (SEM)	<b>Statistical comparison</b> (j-ECM vs p-ECM)	<b>L-ECM</b> MLS (SEM)	<b>S-ECM</b> MLS (SEM)
<b>IHC markers</b>					
<b>Collagen IV</b>	4.0 (0.0)	3.88 (0.13)	NS	4.0 (0.0)	4.0 (0.0)
<b>Fibronectin</b>	3.38 (0.18)	3.25 (0.31)	NS	2.25 (0.37)	3.38 (0.18)
<b>Fibulin-5</b>	2.0 (0.27)	1.5 (0.19)	NS	2.13 (0.23)	1.75 (0.37)
<b>Lumican</b>	3.5 (0.19)	3.25 (0.25)	NS	3.63 (0.18)	3.25 (0.16)
<b>MFAP-4</b>	1.75 (0.31)	0.75 (0.25)	NS	1.25 (0.25)	0.75 (0.31)
<b>Periostin</b>	2.5 (0.27)	1.75 (0.25)	NS	1.86 (0.46)	1.86 (0.4)
<b>Tenascin C</b>	3.5 (0.19)	1.5 (0.27)	P < 0.001	2.25 (0.25)	2.13 (0.35)
<b>Histochemical markers</b>					
<b>Hyaluronic acid</b>	3.63 (0.26)	3.13 (0.13)	NS	4.0 (0.0)	3.5 (0.27)

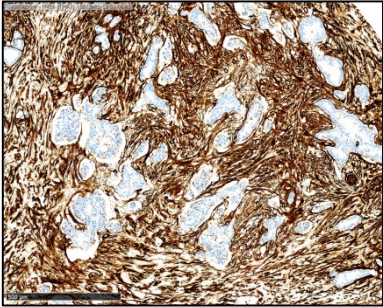
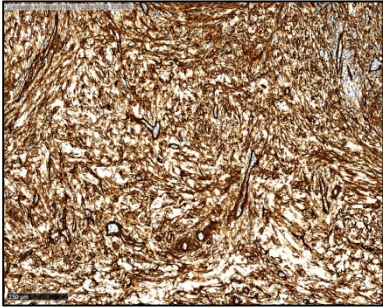
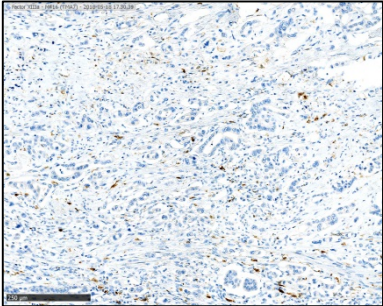
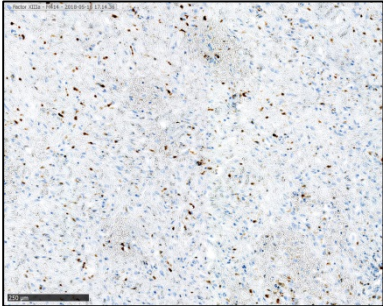
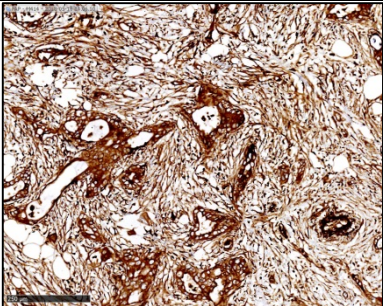
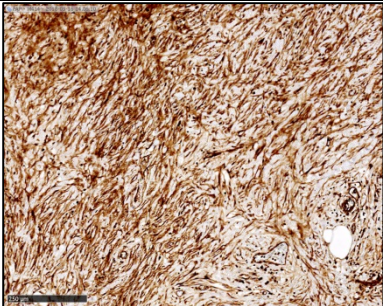
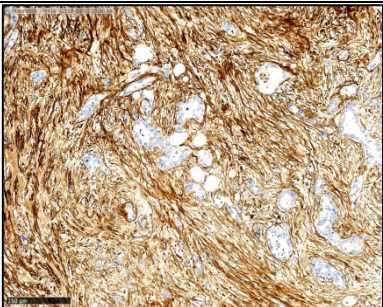
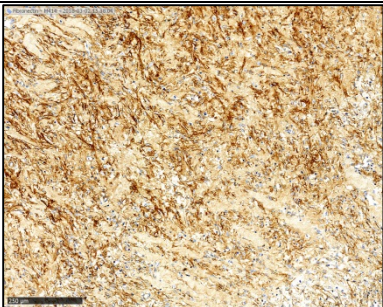
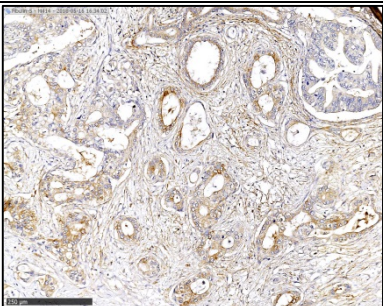
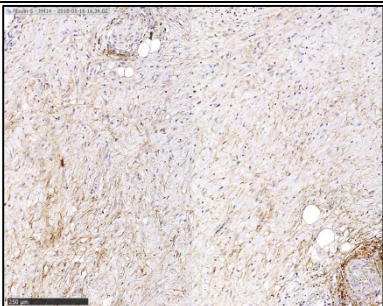
**Abbreviations:** CAF: cancer-associated fibroblast, CD: cluster of differentiation, COL1A1: type I collagen, ECM: extracellular matrix, FAP: fibroblast activation protein, HSP-47: heat shock protein 47, HSP-70: heat shock protein 70, IHC: immunohistochemical, ISH: *in situ* hybridization, MFAP-4: microfibril associated protein 4, MLS: mean labelling score, NS: not significant, PDGF-R $\beta$ : platelet-derived growth

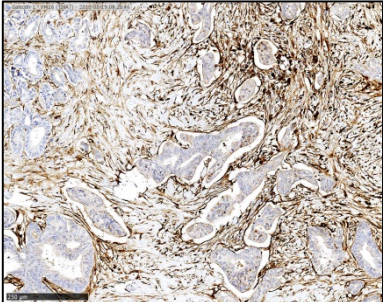
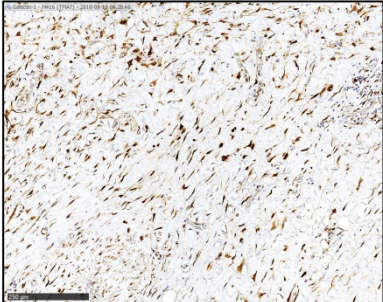
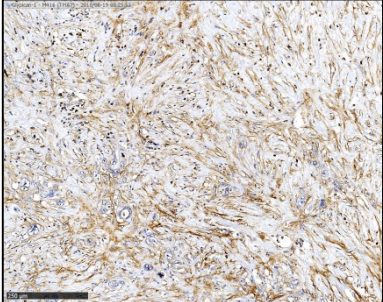
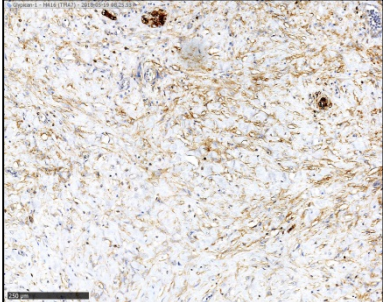
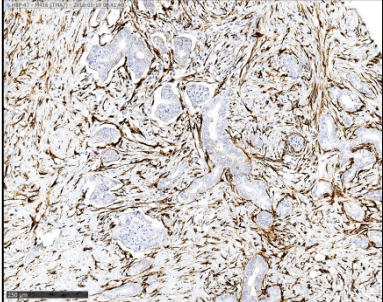
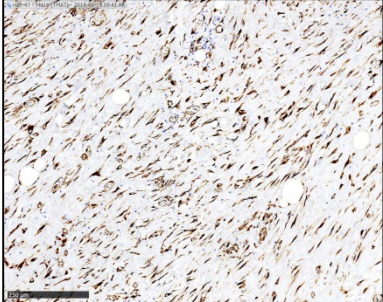
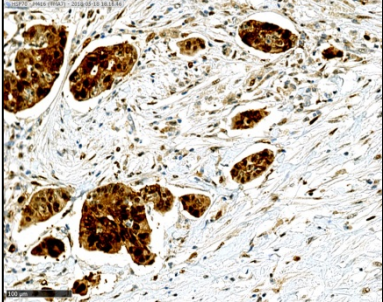
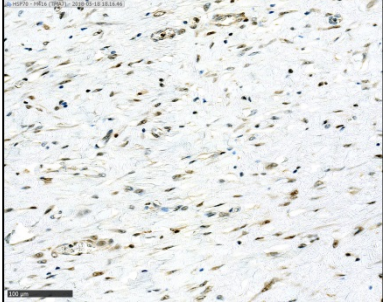
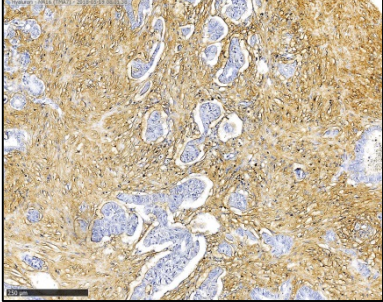
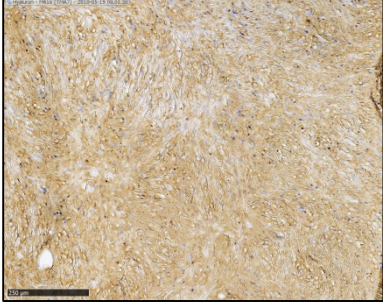
factor receptor  $\beta$ , *PGP9.5*: Protein Gene Product 9.5, *S100A4*: S100 calcium-binding protein A4, *SEM*: standard error of the mean, *TGF- $\beta$ 1*: Transforming growth factor beta 1, *ZEB-1*: Zinc finger E-box-binding homeobox 1.

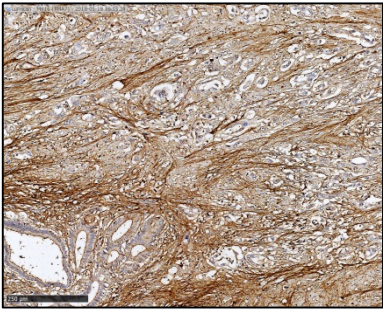
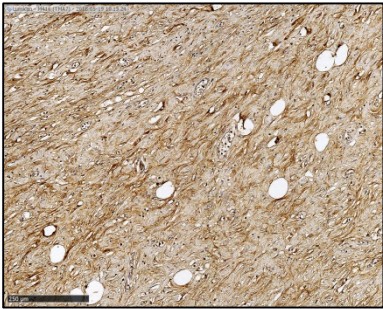
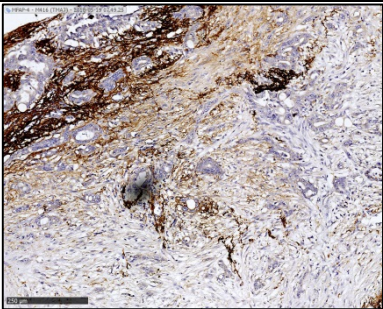
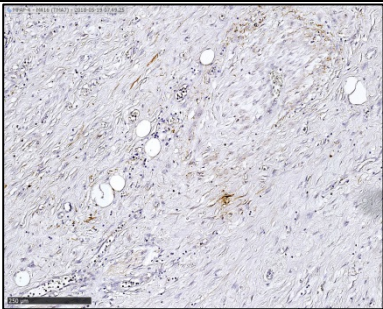
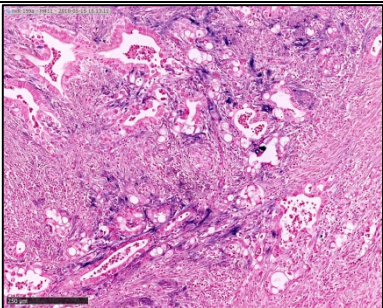
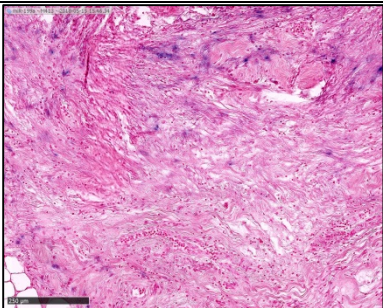
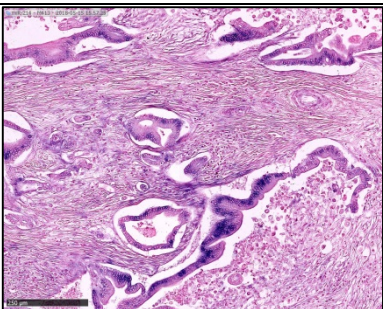
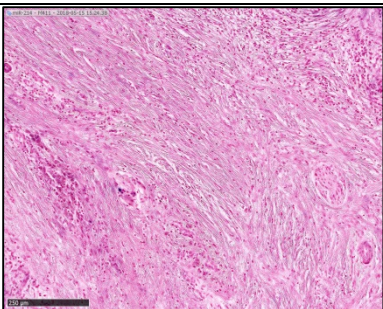
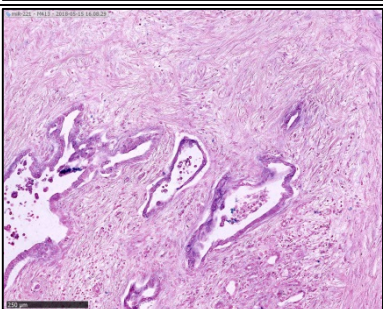
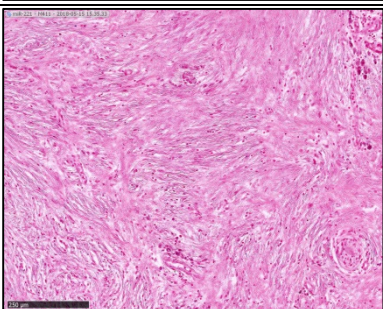
**Supplementary figure 1:** Examples of juxtatumoral and peripheral expression of markers not outlined in the manuscript.

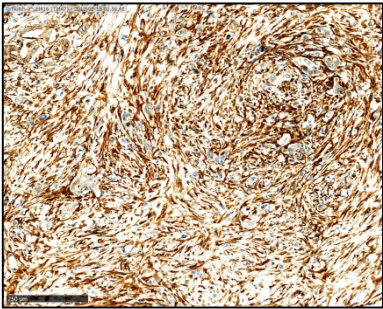
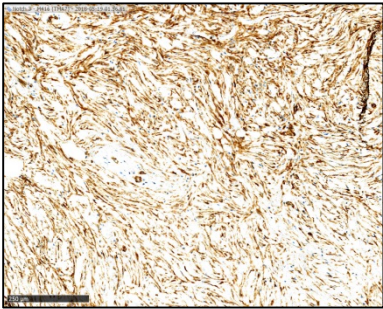
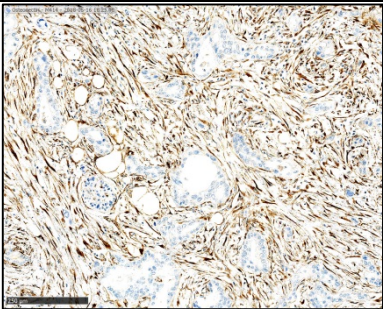
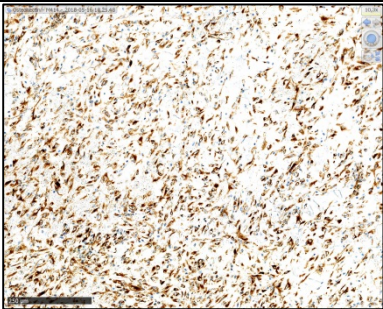
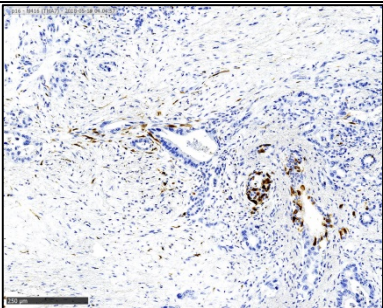
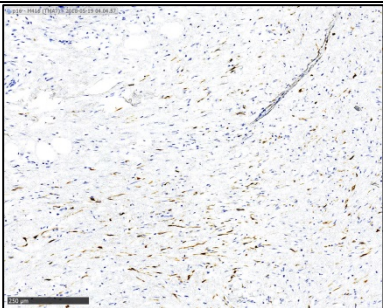
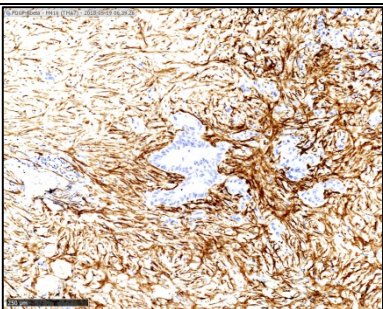
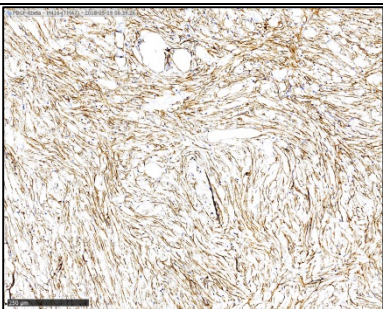
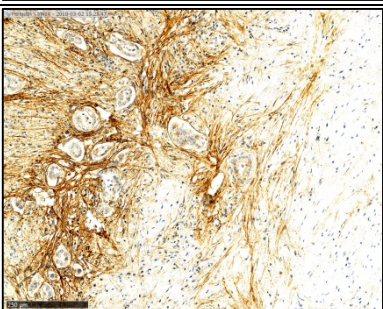
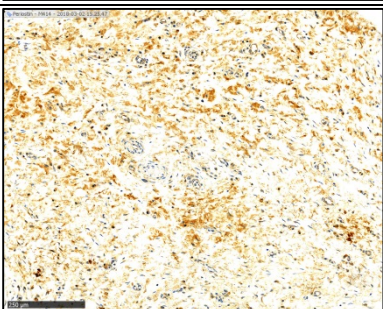
Marker	Juxtatumoral expression	Peripheral expression
Annexin II		
Beta Catenin		
Calponin		
Caveolin-1		
CD34		

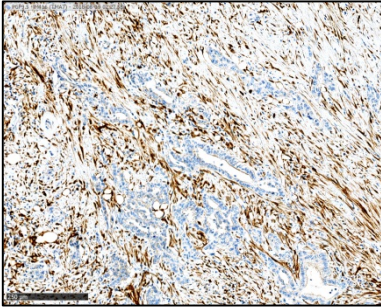
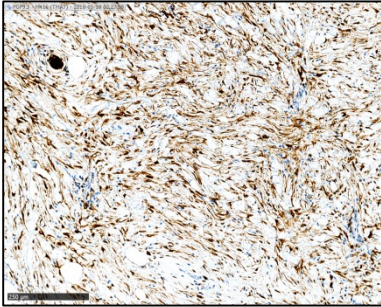
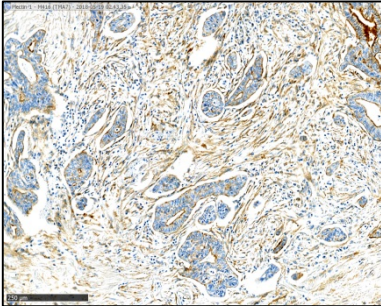
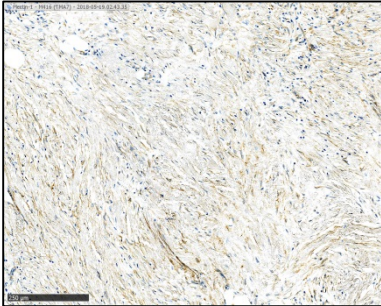
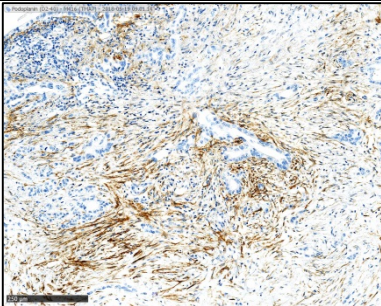
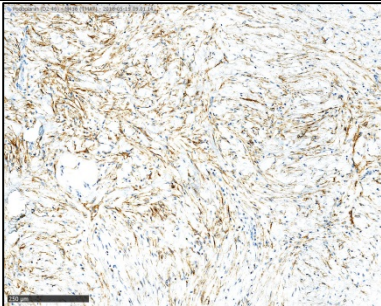
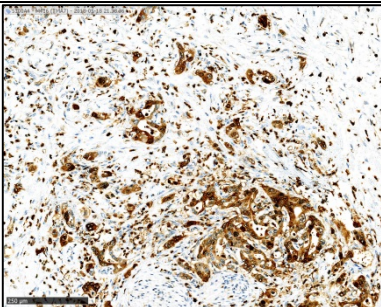
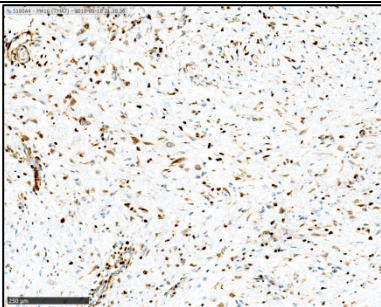
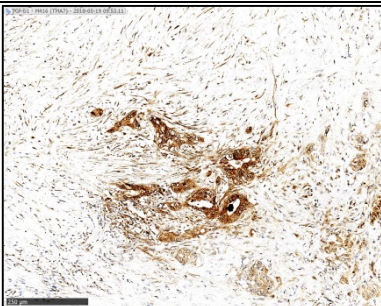
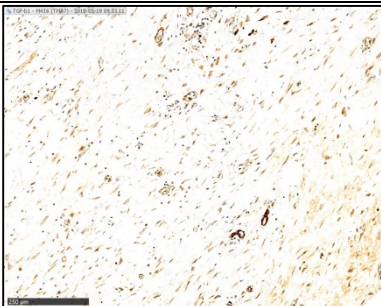
CD44		
CD90		
CD99		
CD133		
COL1A1 mRNA		

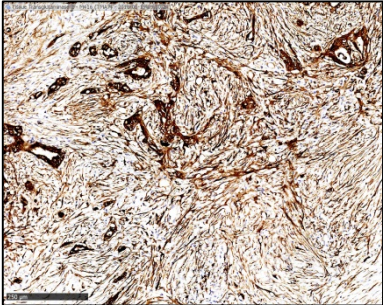
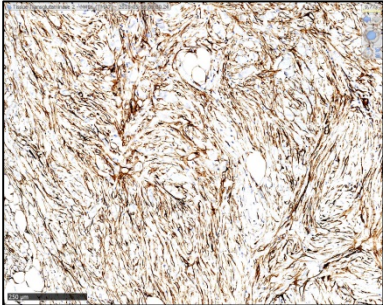
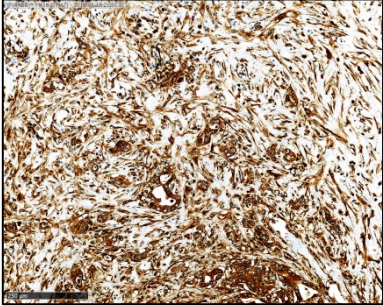
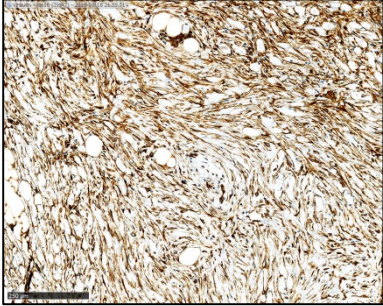
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Factor XIIIa		
FAP		
Fibronectin		
Fibulin-5		

Galectin 1		
Glypican 1		
HSP-47		
HSP-70		
Hyaluronic acid		

Lumican		
MFAP-4		
miR-199a		
miR-214		
miR-221		

Notch-3		
Osteonectin		
p16		
PDGF-Rβ		
Periostin		

PGP9.5		
Plectin-1		
Podoplanin		
S100A4		
TGF-β1		

Tissue Trans- glutaminase 2		
Vinculin		
ZEB-1	