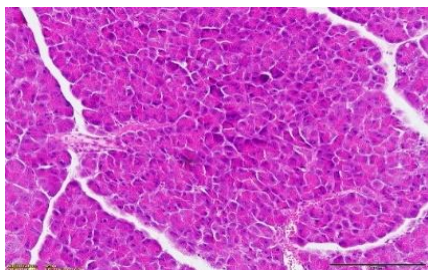


Single cell transcriptomes of pancreatic pre-invasive lesions and cancer reveal acinar metaplastic cells' heterogeneity

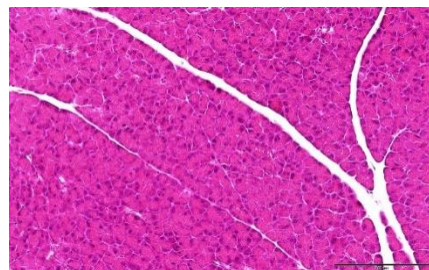
The data source file includes additional microscopy images from different mice and human patients and raw data of lesion counts that are shown in Supplementary Figure 1A. In the last part, we show the gating strategy for the tomato sorted cells.

Additional represented photos for Figure 1A

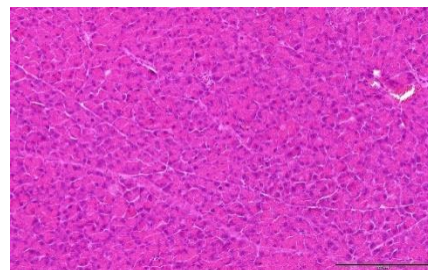
Mouse 1



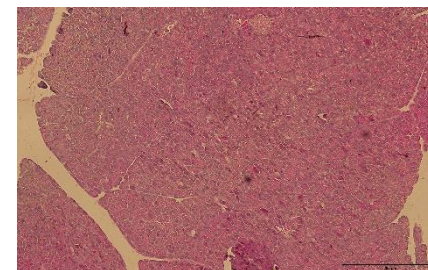
Mouse 2



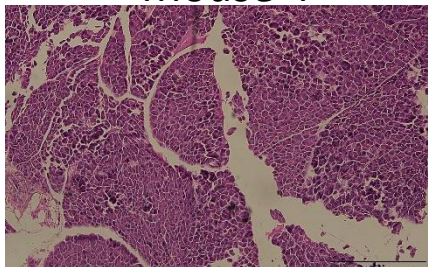
Mouse 3



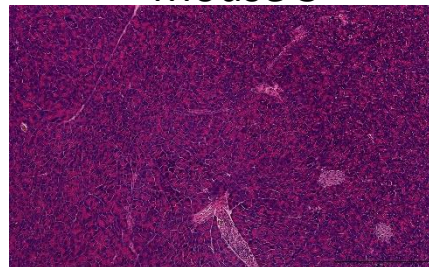
Mouse 4



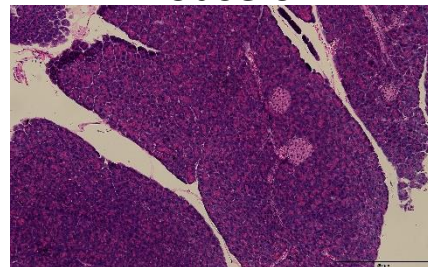
Mouse 4



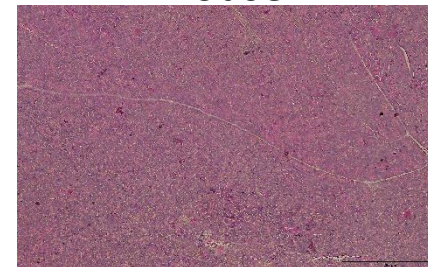
Mouse 5



Mouse 6

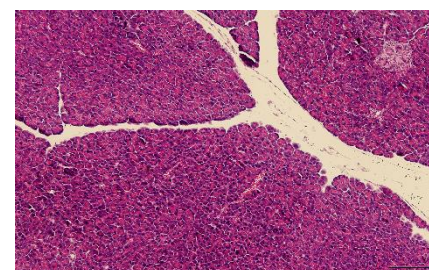
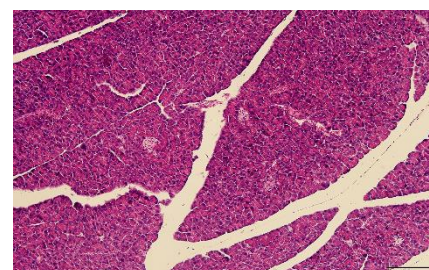
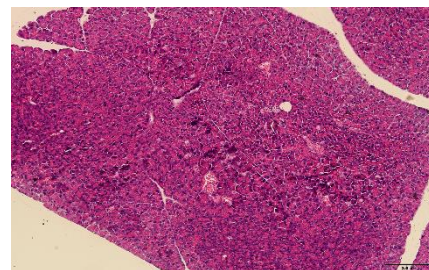
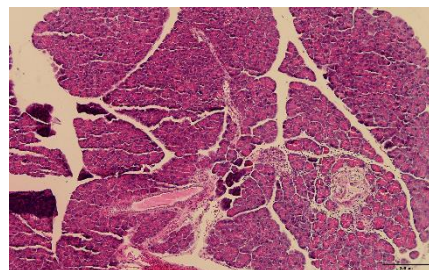
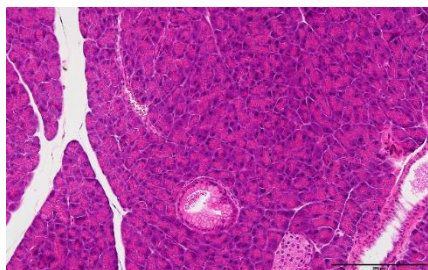


Mouse 7



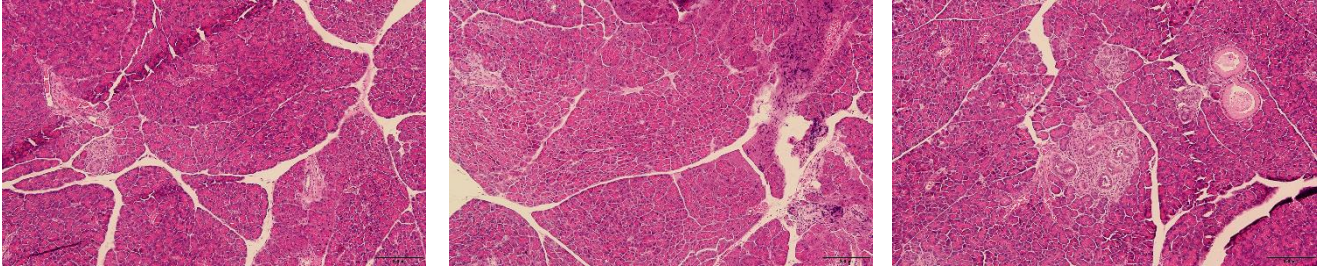
Additional represented photos for Figure 1B

Mouse 1

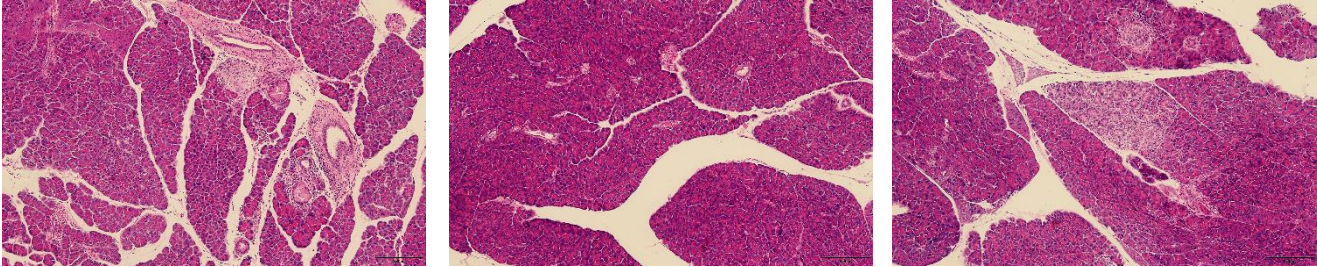


Additional represented photos for Figure 1C

Mouse 1

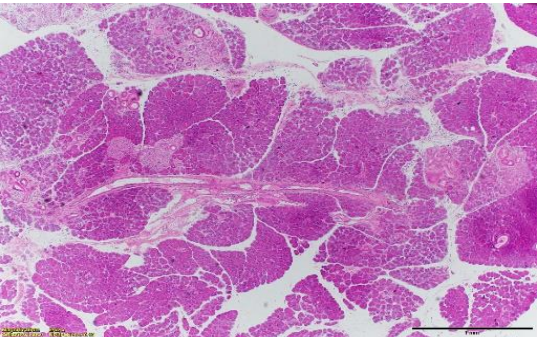


Mouse 2

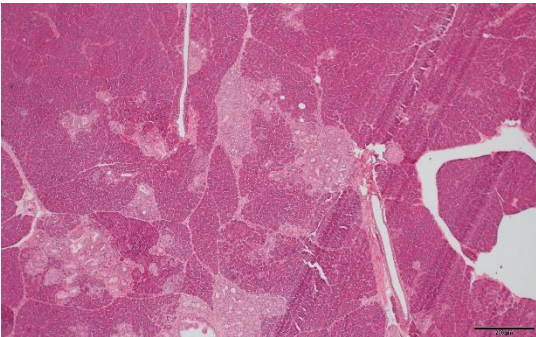


Additional represented photos for Figure 1D

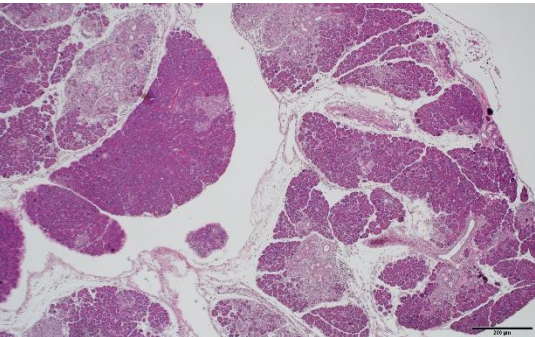
Mouse 1



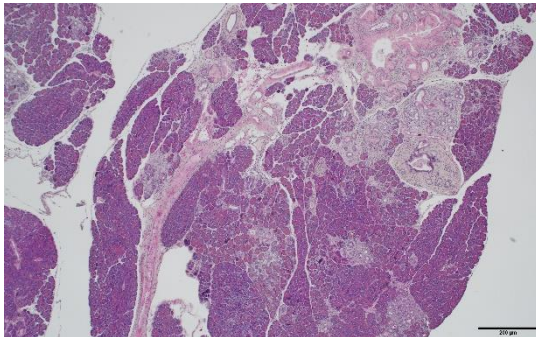
Mouse 2



Mouse 3

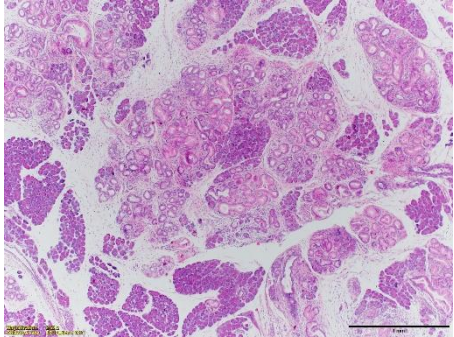


Mouse 4

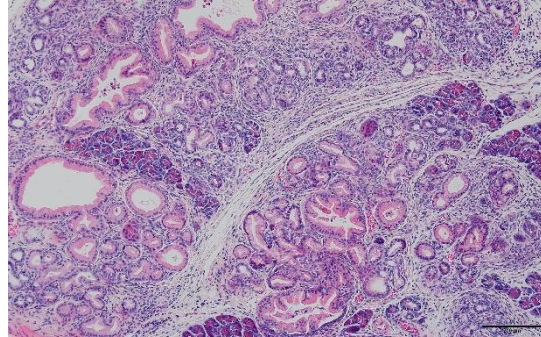


Additional represented photos for Figure 1E

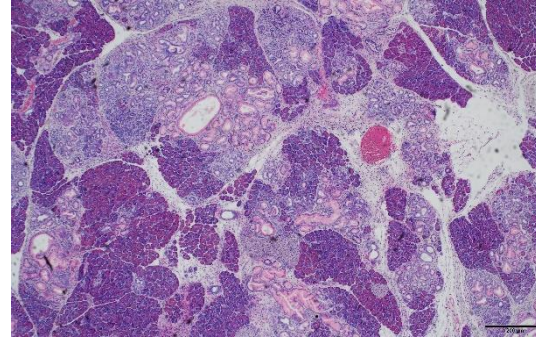
Mouse 1



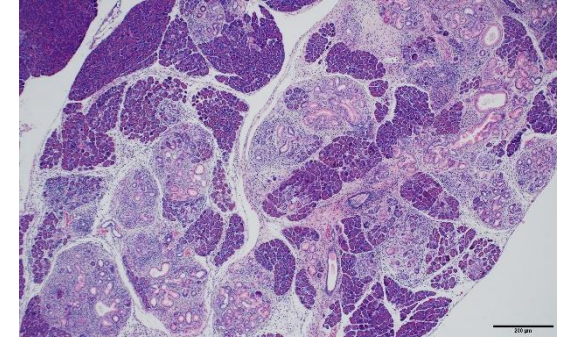
Mouse 2



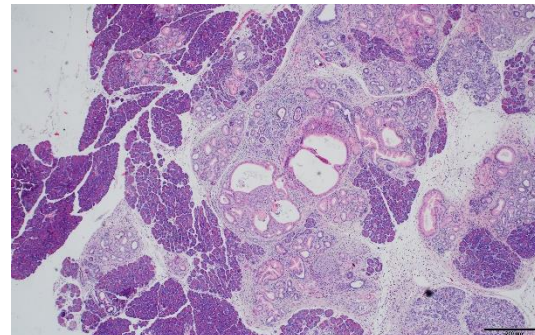
Mouse 3



Mouse 4

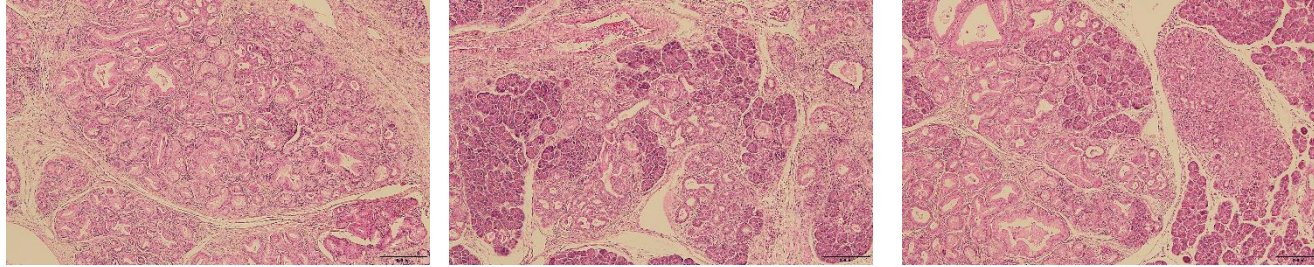


Mouse 5



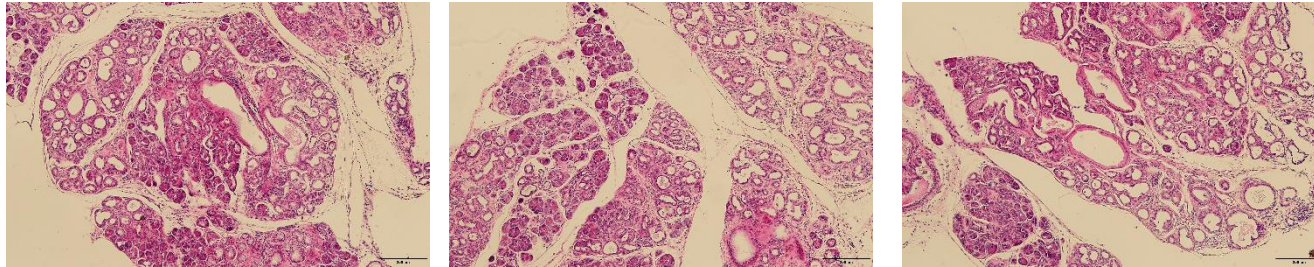
Additional represented photos for Figure 1F

Mouse 1



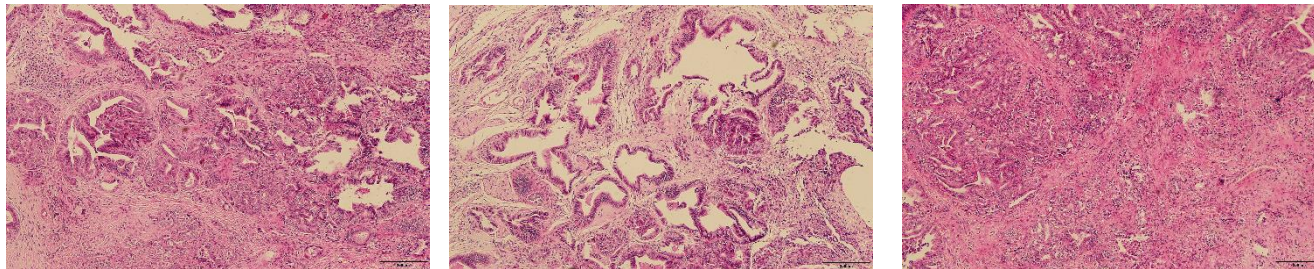
Additional represented photos for Figure 1G

Mouse 1



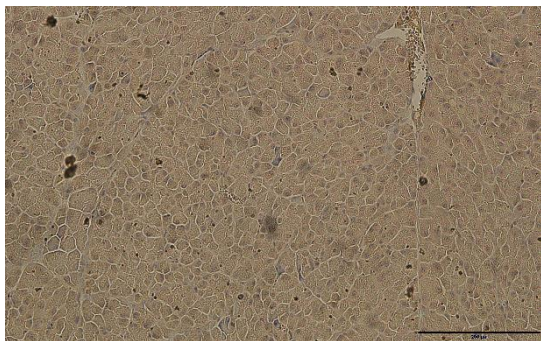
Additional represented photos for Figure 1H

Mouse 1

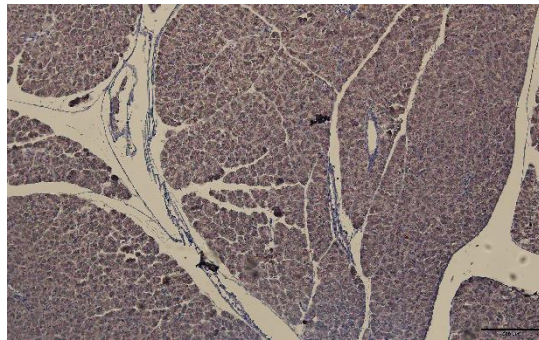


Additional represented photos for Figure 1J

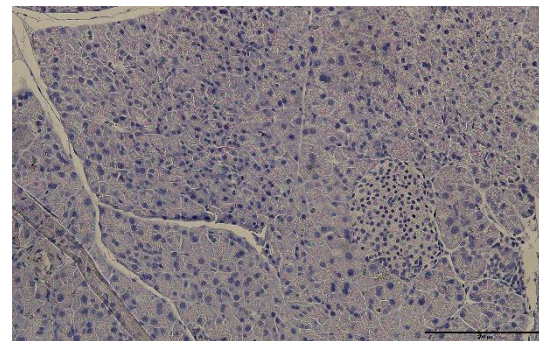
Mouse 1



Mouse 2



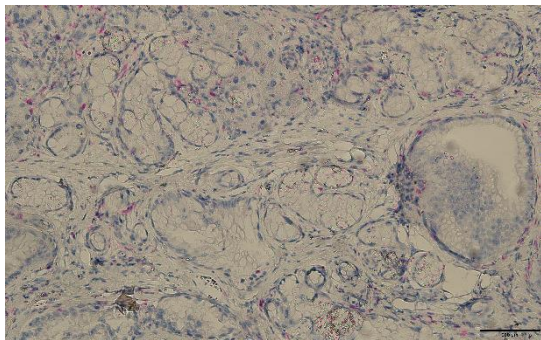
Mouse 3



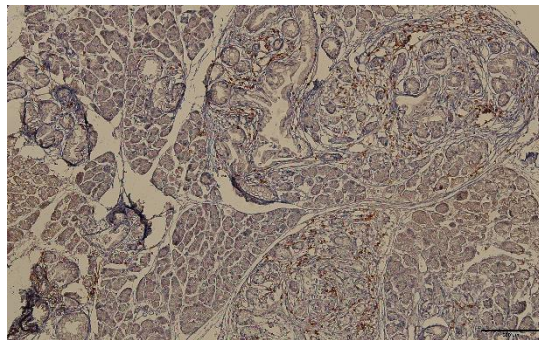
Anti-CD3

Additional represented photos for Figure 1K

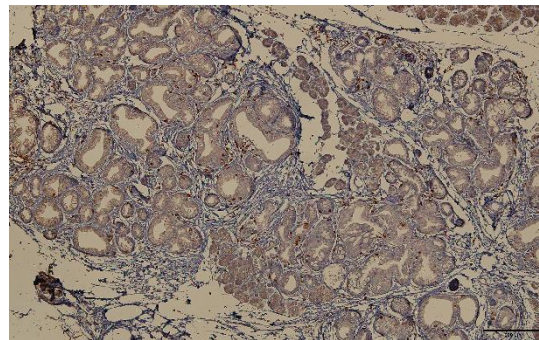
Mouse 1



Mouse 2



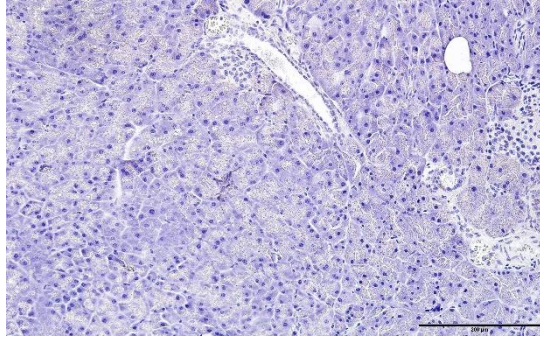
Mouse 3



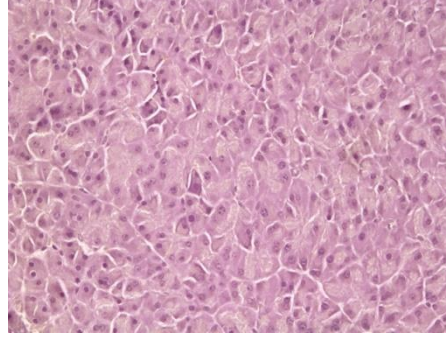
Anti-CD3

Additional represented photos for Figure 1L

Mouse 1



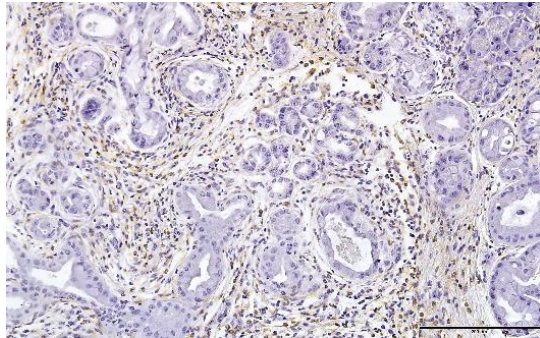
Mouse 2



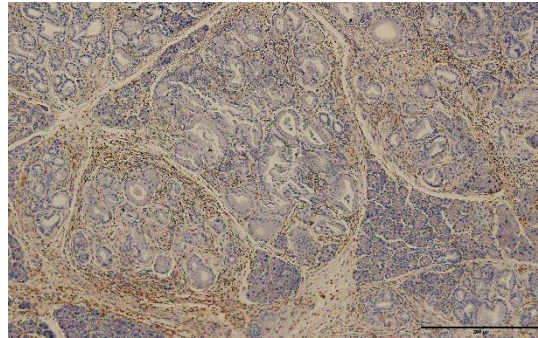
Anti- F4/80

Additional represented photos for Figure 1M

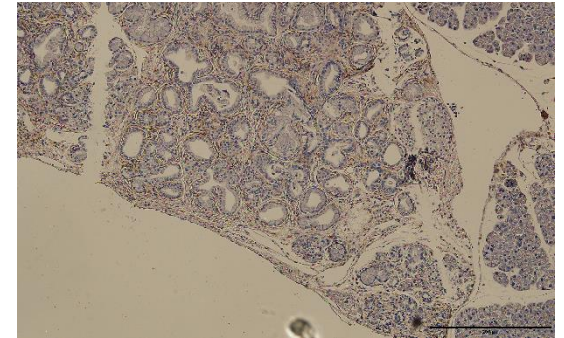
Mouse 1



Mouse 2



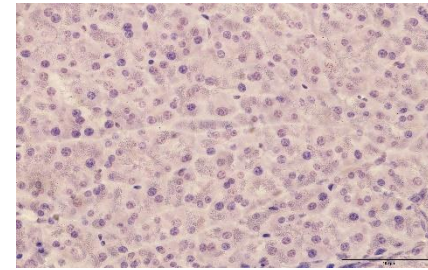
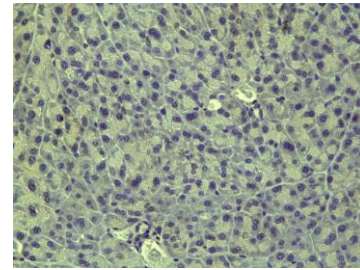
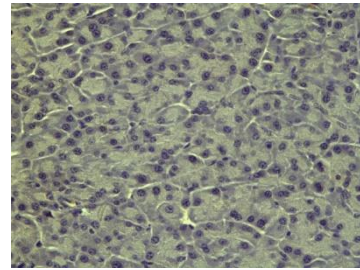
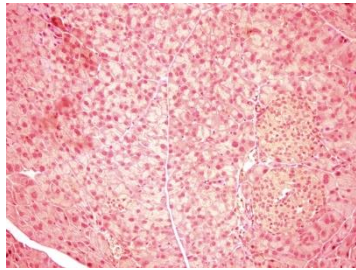
Mouse 3



Anti- F4/80

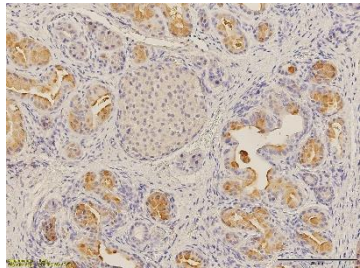
Additional represented photos for Figure 3F

Anti-GKN1

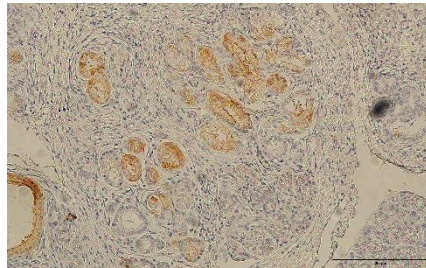


Additional represented photos for Figure 3G

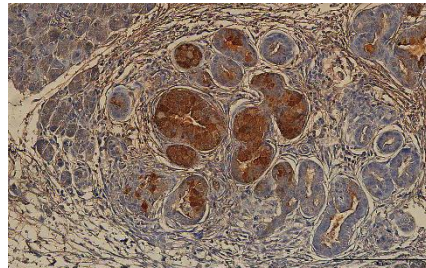
MOUSE 1



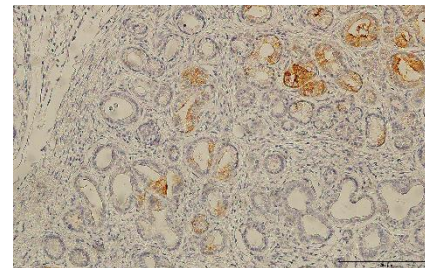
MOUSE 2



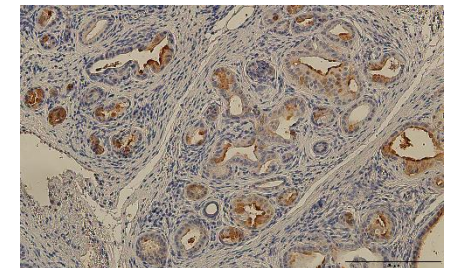
MOUSE 3



MOUSE 4

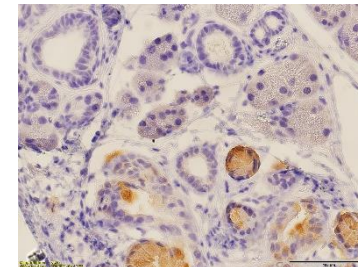
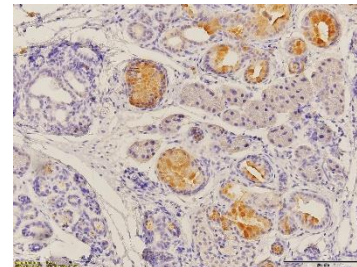
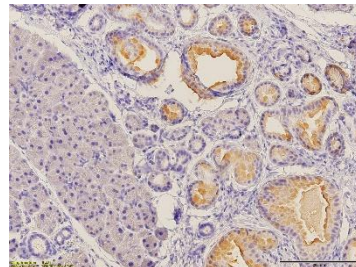
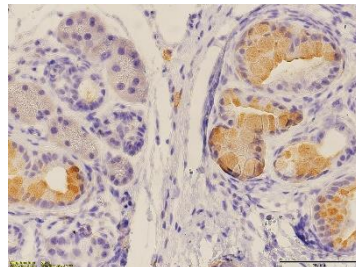


MOUSE 5



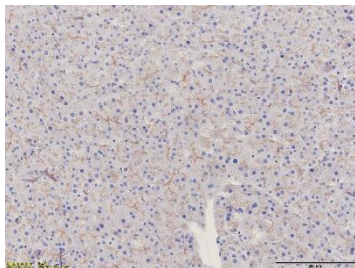
Additional represented photos for Figure 3H

MOUSE 1

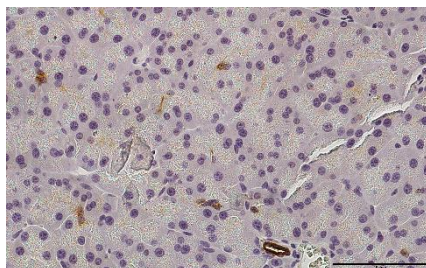


Additional represented photos for Figure 3I

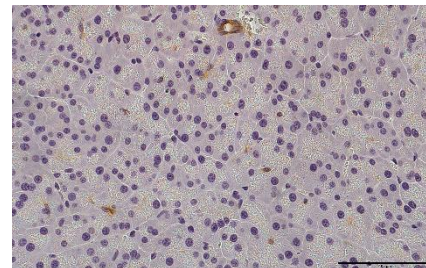
MOUSE 1



MOUSE 2



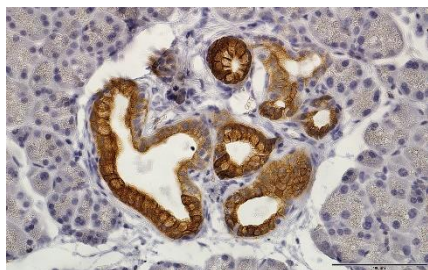
MOUSE 3



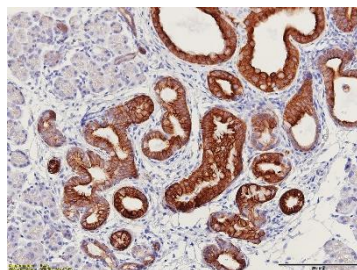
Anti-KRT19

Additional represented photos for Figure 3J

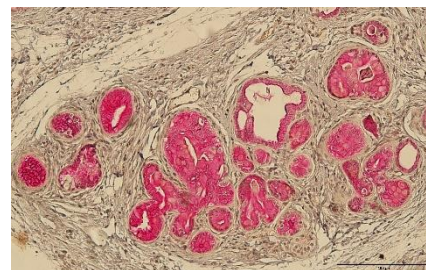
MOUSE 1



MOUSE 2

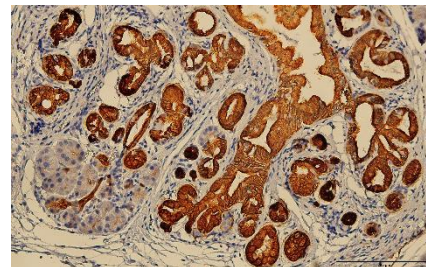
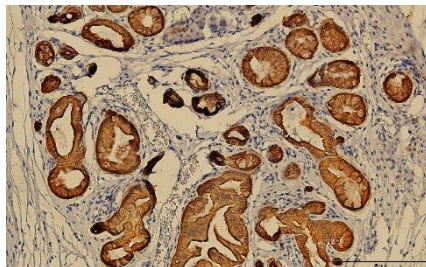
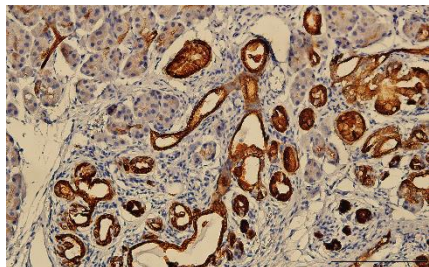


MOUSE 3



Additional represented photos for Figure 3K

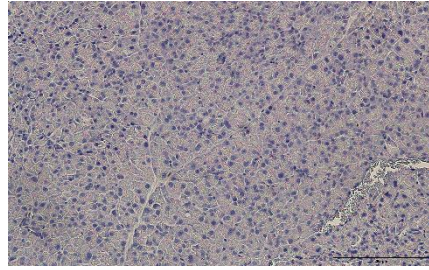
MOUSE 1



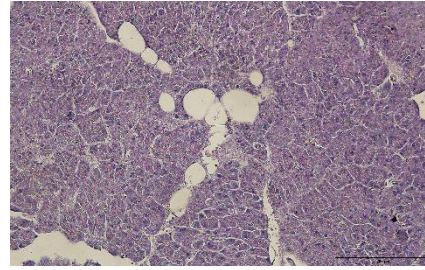
Anti-onecut2

Additional represented photos for Supplementary Figure 4k

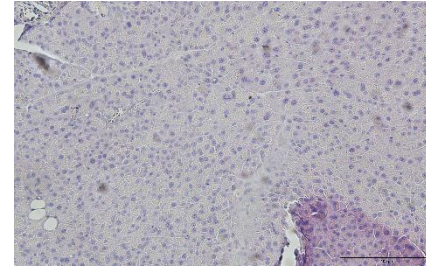
MOUSE 1



MOUSE 2

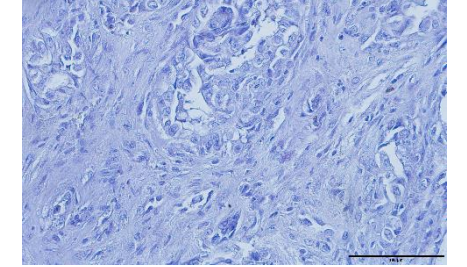
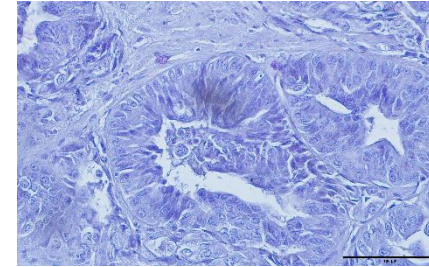
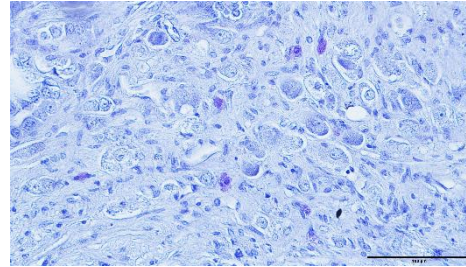
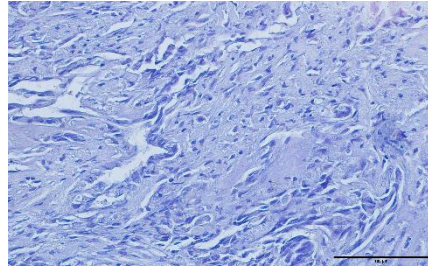
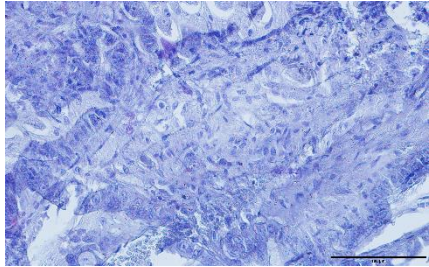


MOUSE 3



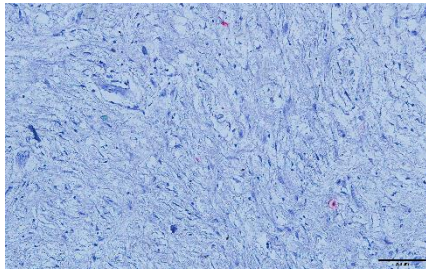
Additional represented photos for Supplementary Figure 4L

MOUSE 1

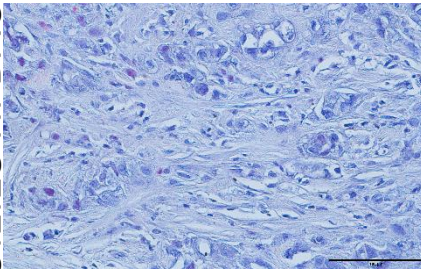


Additional represented photos for Supplementary Figure 4M

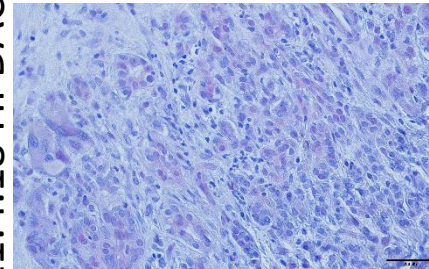
2.6.19 HPDAC



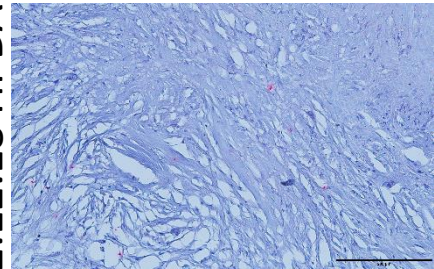
9.1.18 HPDAC



11.4.18 HPDAC



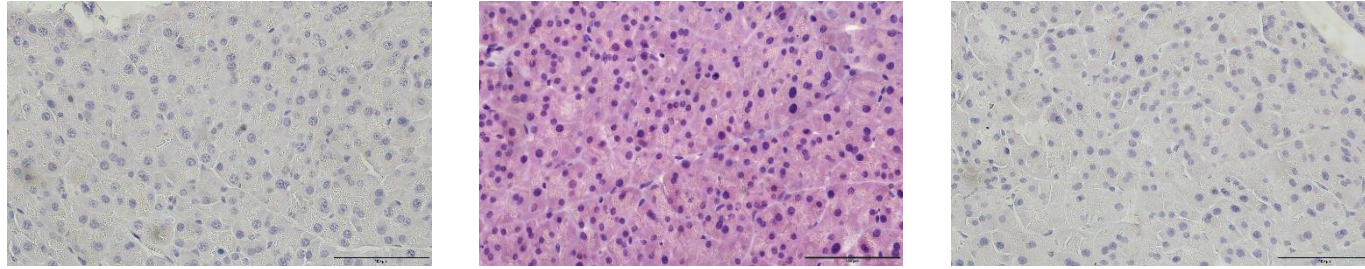
12.12.18 HPDAC



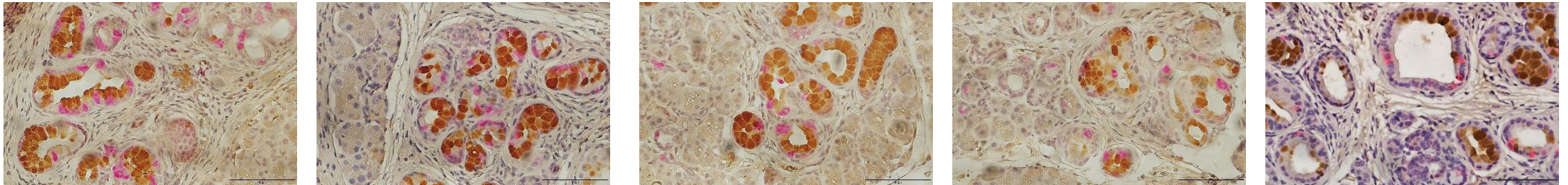
Anti-DCLK1 + Anti-Muc5ac

Additional represented photos for Figure 5A

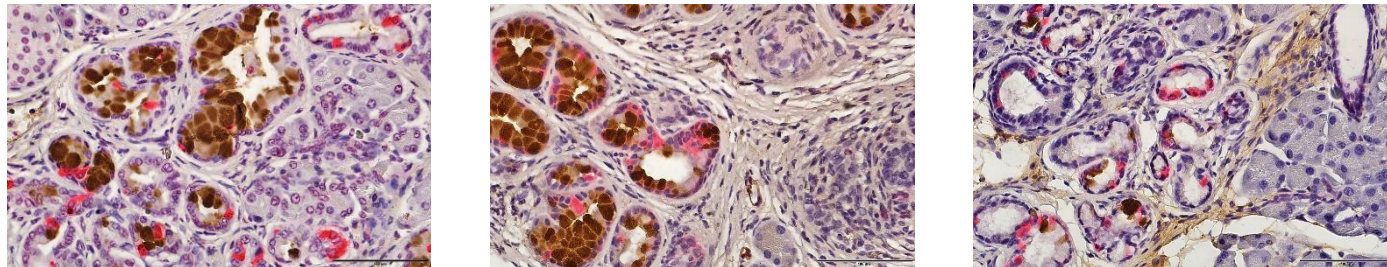
MOUSE 1



Additional represented photos for Figure 5B

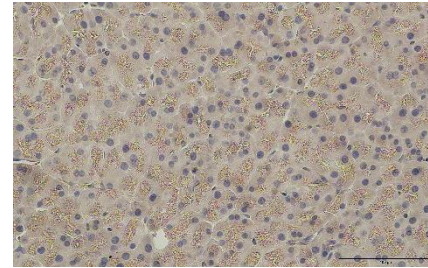
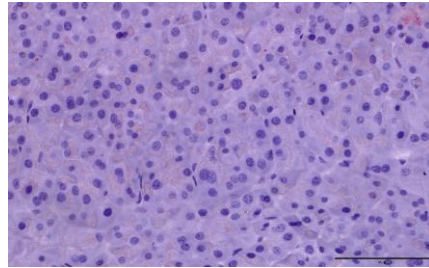


Additional represented photos for Figure 5C



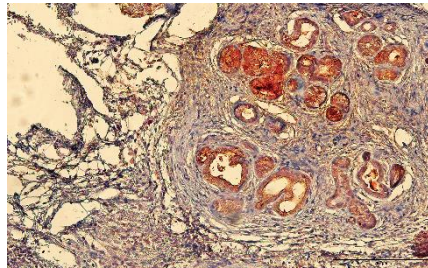
Anti-Tgfb1 + Anti-Muc5ac

Additional represented photos for Figure 5F

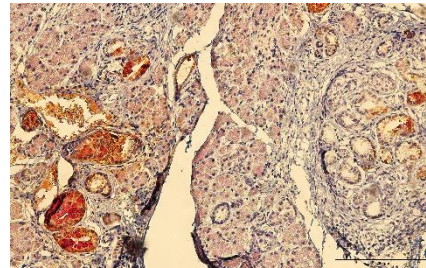


Additional represented photos for Figure 5I

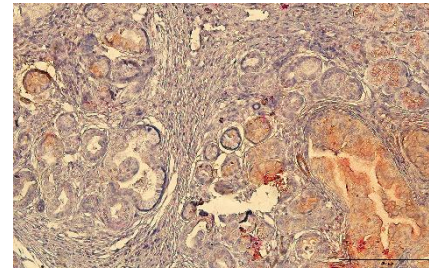
MOUSE 1



MOUSE 2



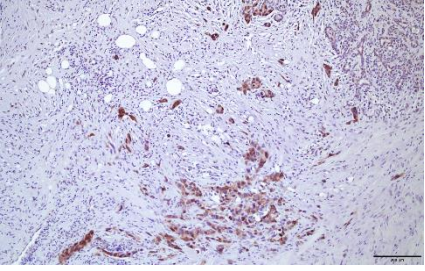
MOUSE 3



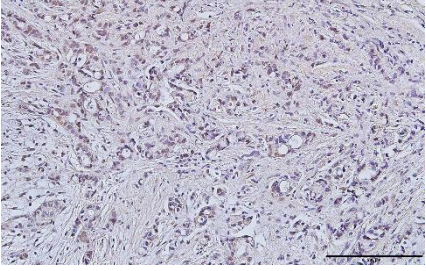
Additional represented photos for Supplementary Figure 7C-D

Anti-TFF1

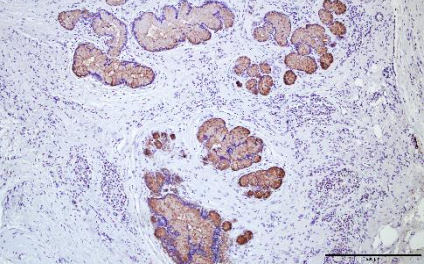
11.04.18 HPDAC



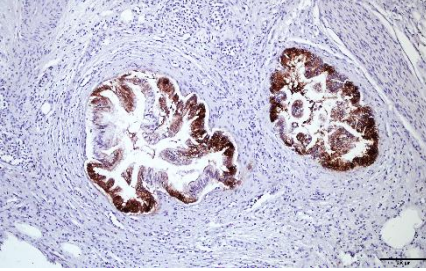
09.01.18 HPDAC



25.5.19 HPDAC



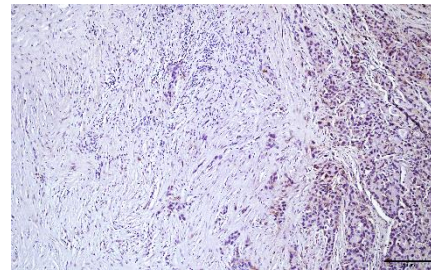
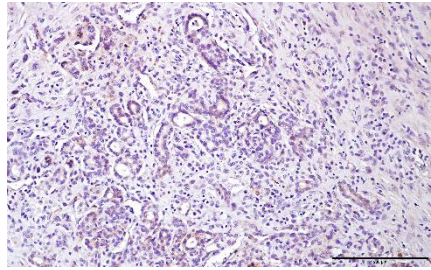
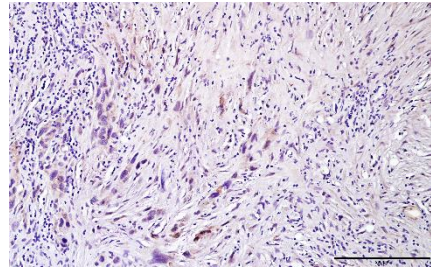
27.3.18 HPDAC



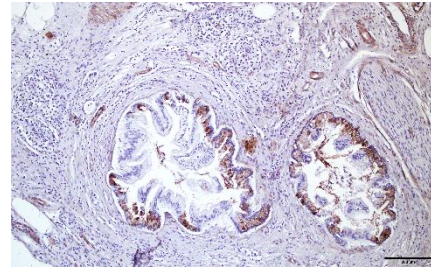
Additional represented photos for Supplementary Figure 7E-F

Anti-Tgfb1

11.04.18 HPDAC

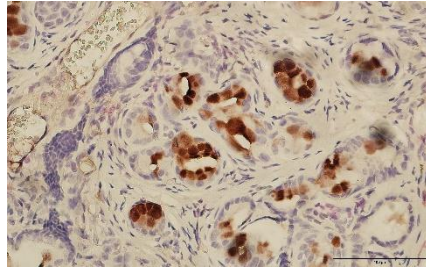


27.3.18 HPDAC

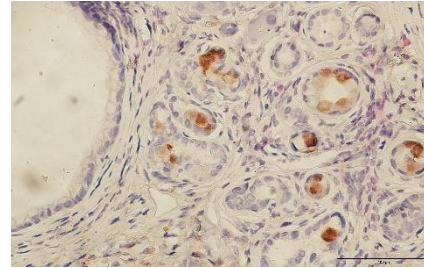


Additional represented photos for Supplementary Figure 8E-F

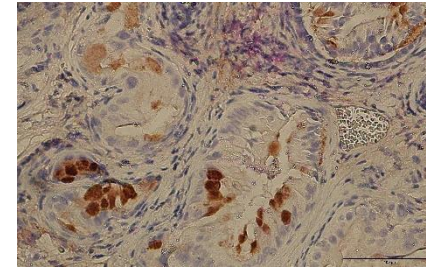
MOUSE 1



MOUSE 2



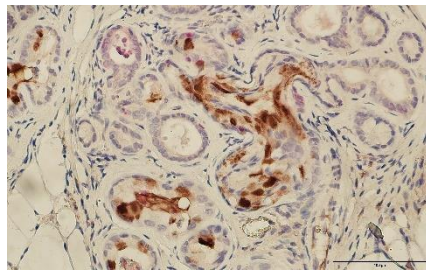
MOUSE 3



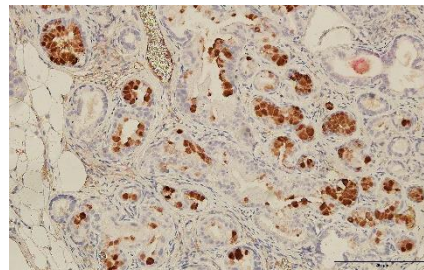
Anti-CD3 + Anti- Muc5ac

Additional represented photos for Supplementary Figure 8G-H

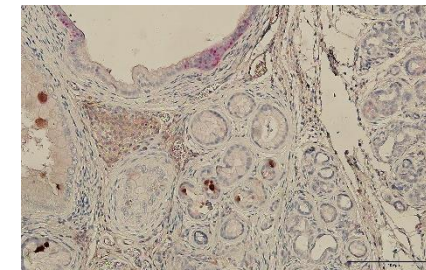
MOUSE 1



MOUSE 2



MOUSE 3



Anti-Ly6g + Anti- Muc5ac

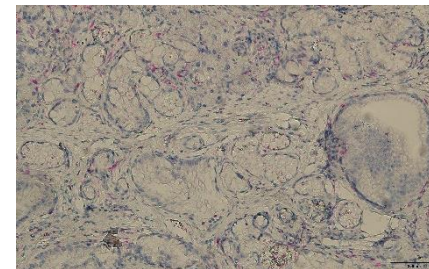
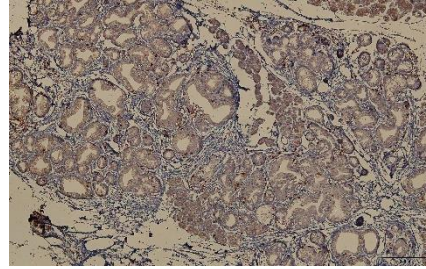
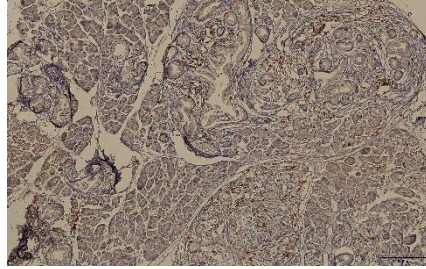
Additional represented photos for Supplementary Figure 8C-D

MOUSE 1

MOUSE 2

MOUSE 3

Anti-CD3



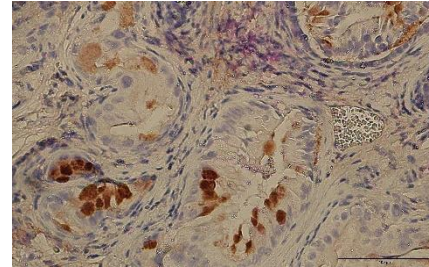
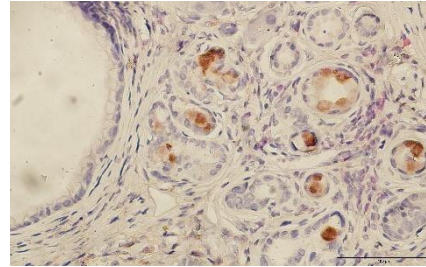
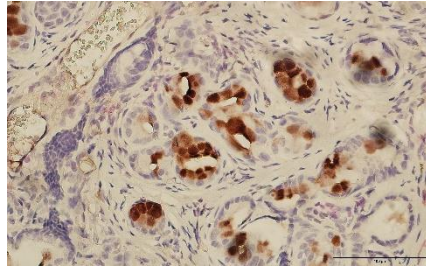
Additional represented photos for Supplementary Figure 8E-F

MOUSE 1

MOUSE 2

MOUSE 3

Anti-CD3 + Anti- Muc5ac



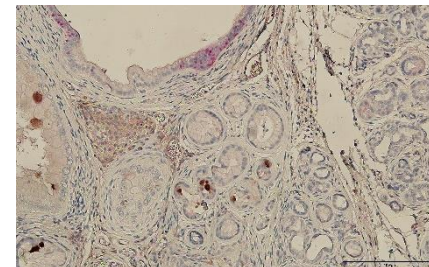
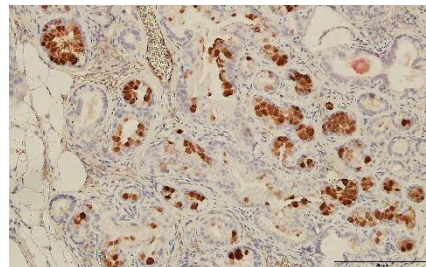
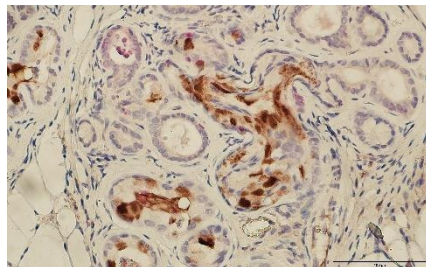
Additional represented photos for Supplementary Figure 8G-H

MOUSE 1

MOUSE 2

MOUSE 3

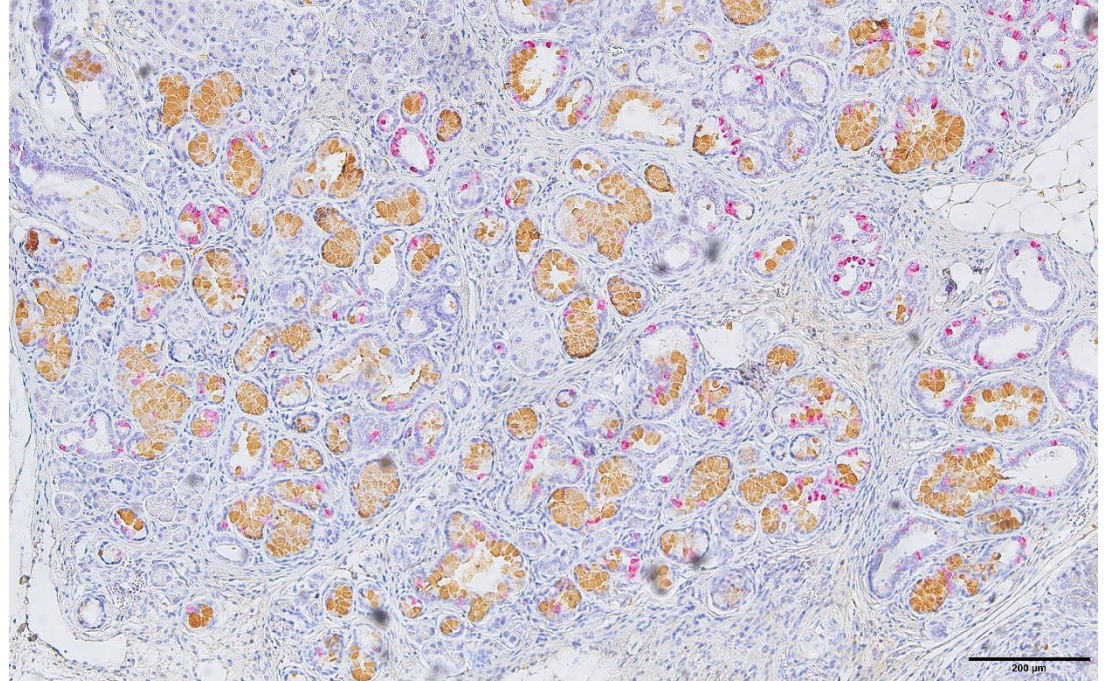
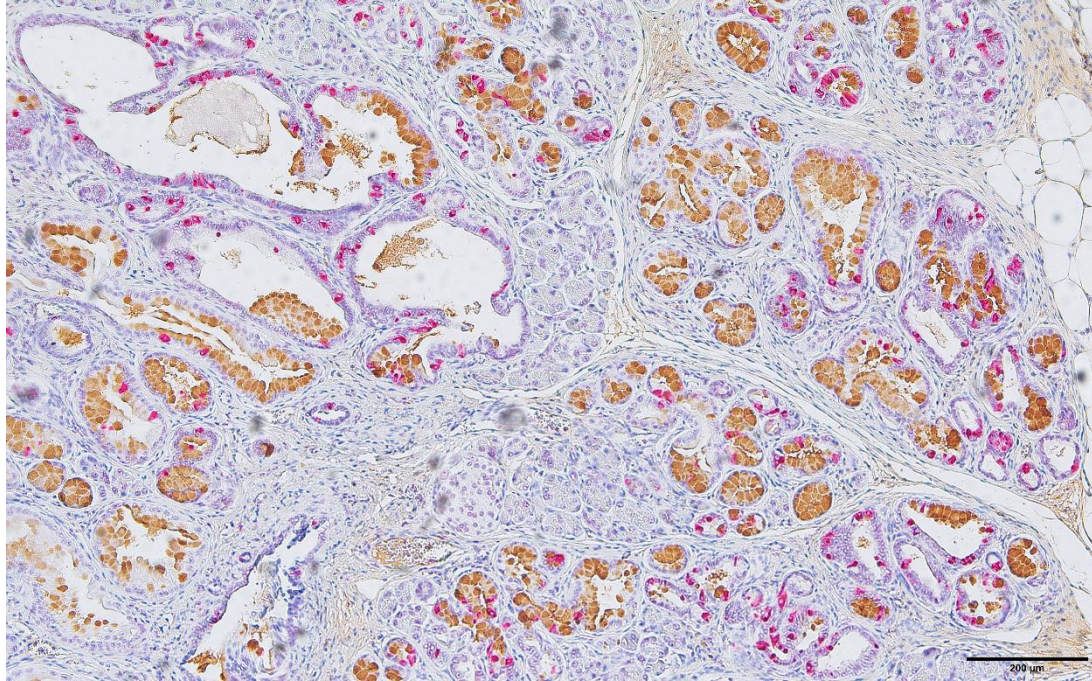
Anti-Ly6g + Anti- Muc5ac



Microscopy images- quantification

Anti-DCLK1

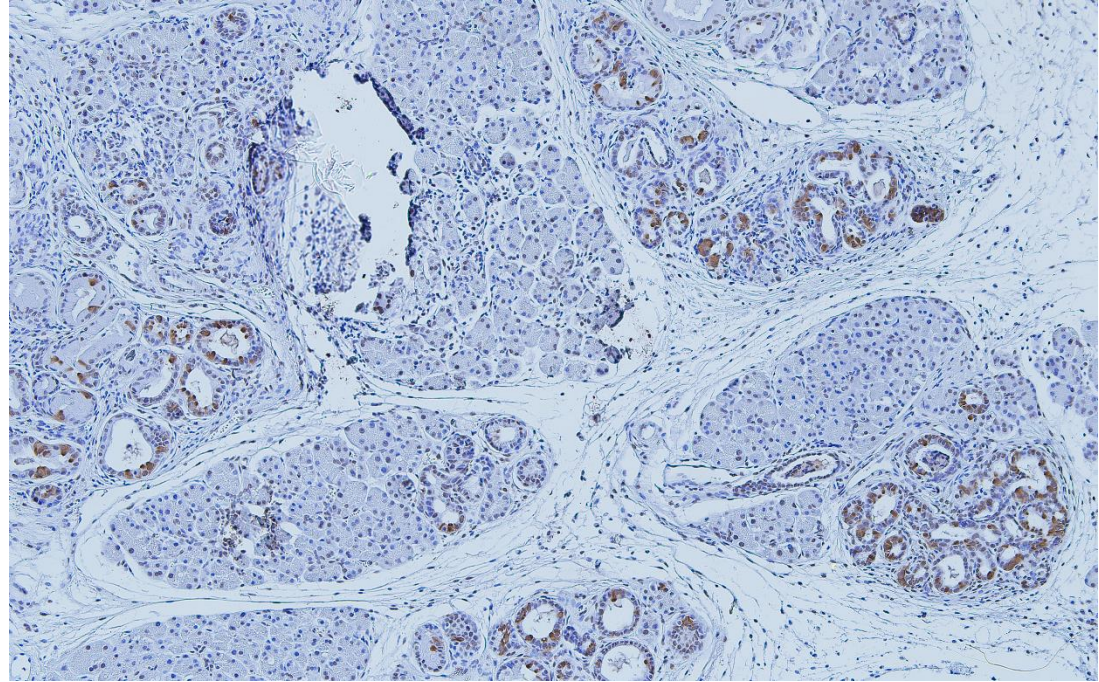
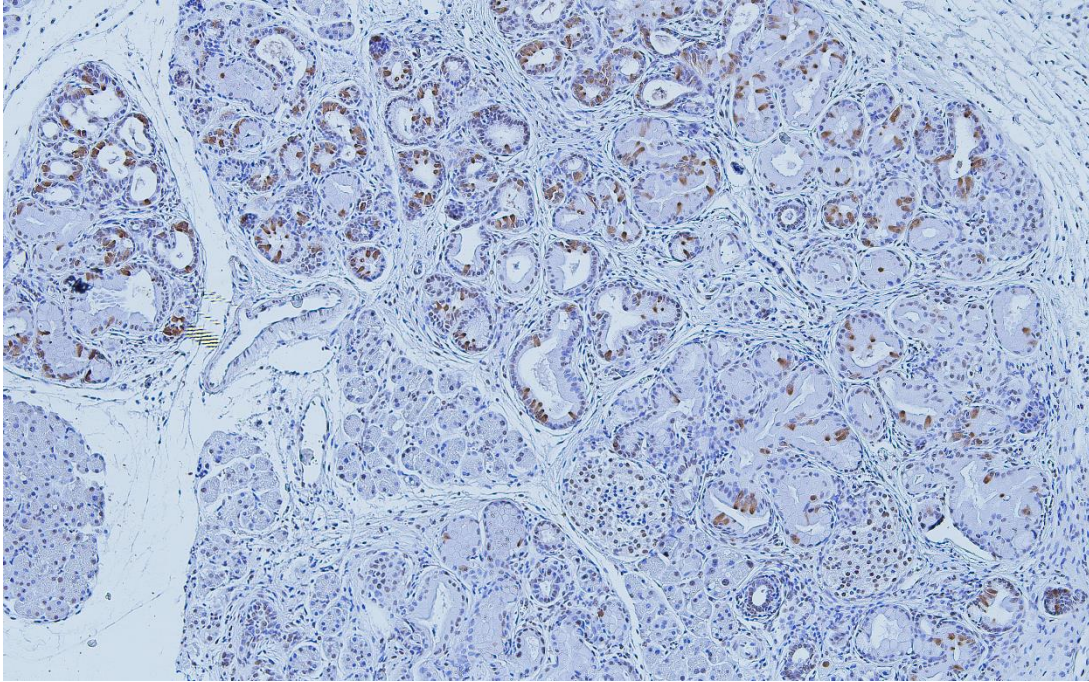
MOUSE#1



Additional represented photos for Figure 4E

Anti-DCLK1

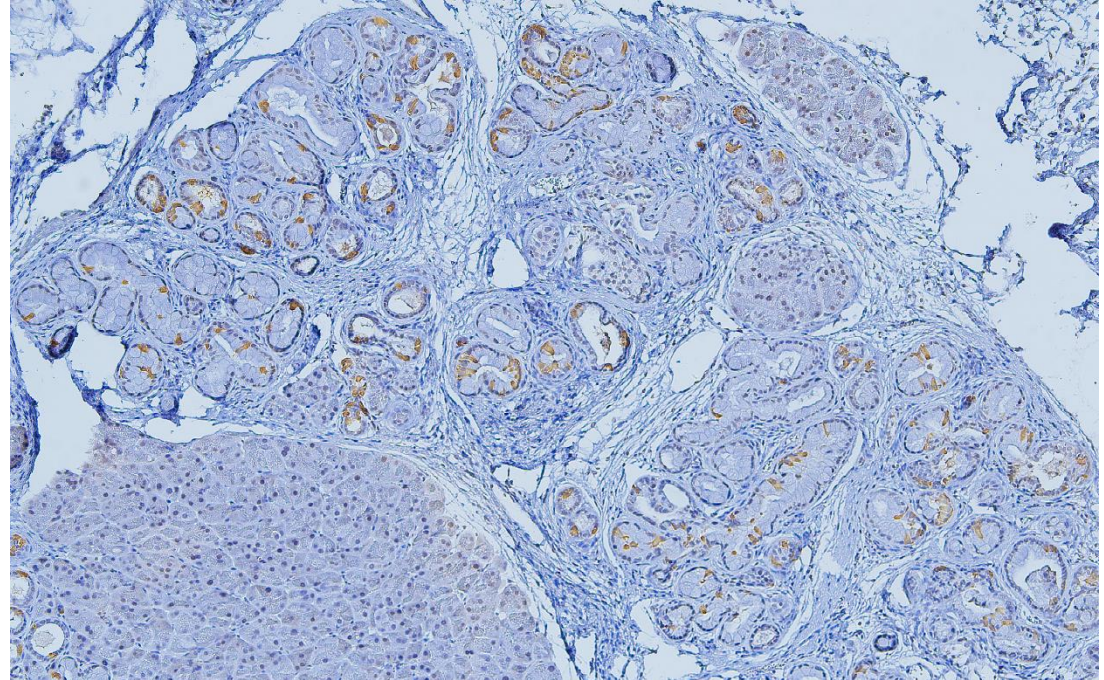
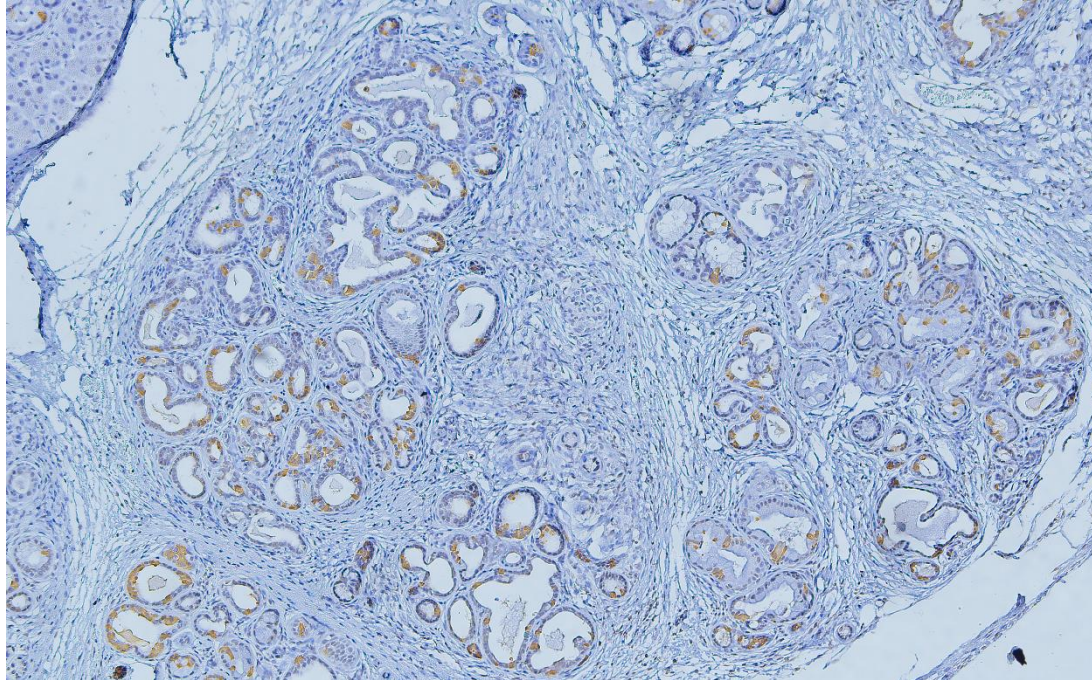
MOUSE#2



Additional represented photos for Figure 4E

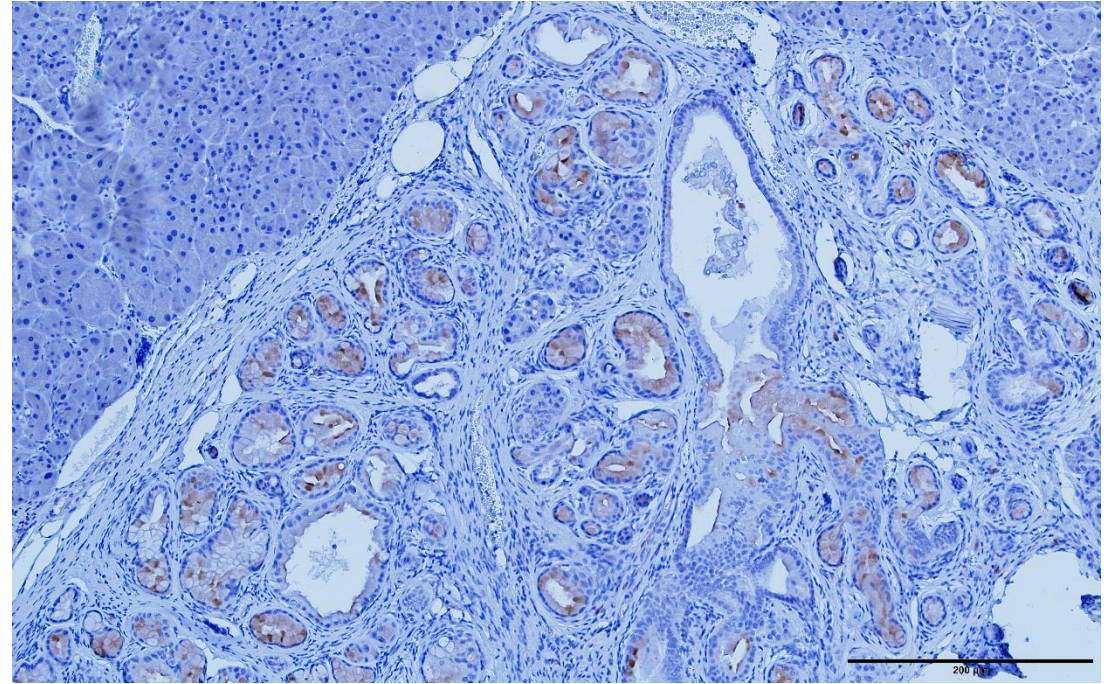
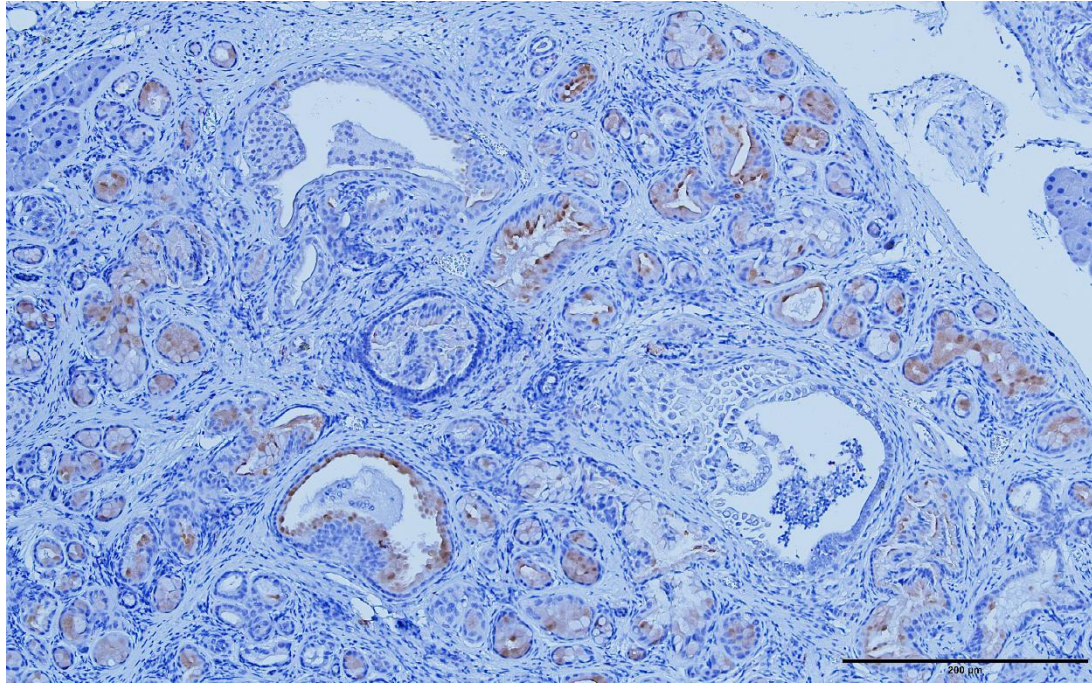
Anti-DCLK1

MOUSE#3



Additional represented photos for Figure 4E

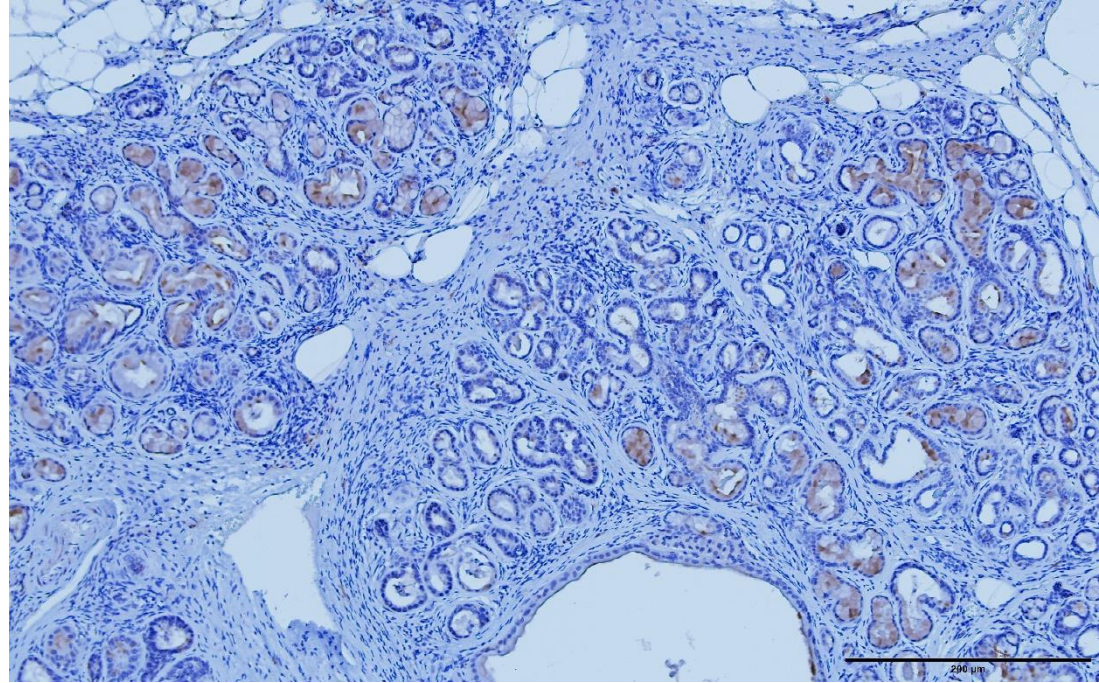
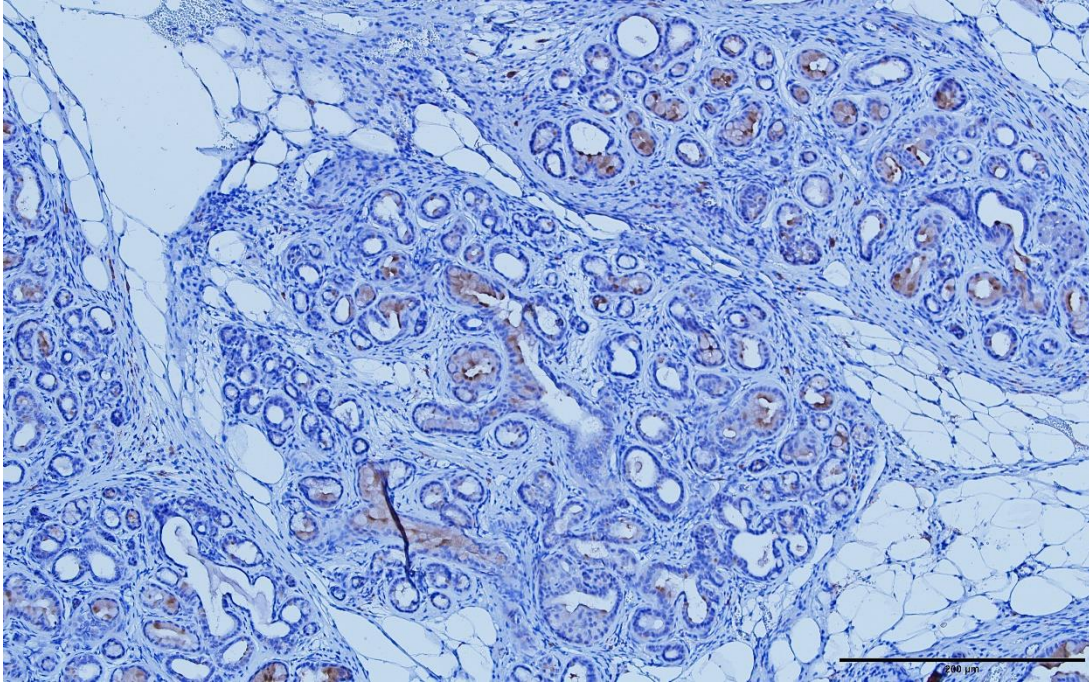
Anti-TFF1
MOUSE#1



Additional represented photos for Figure 4N

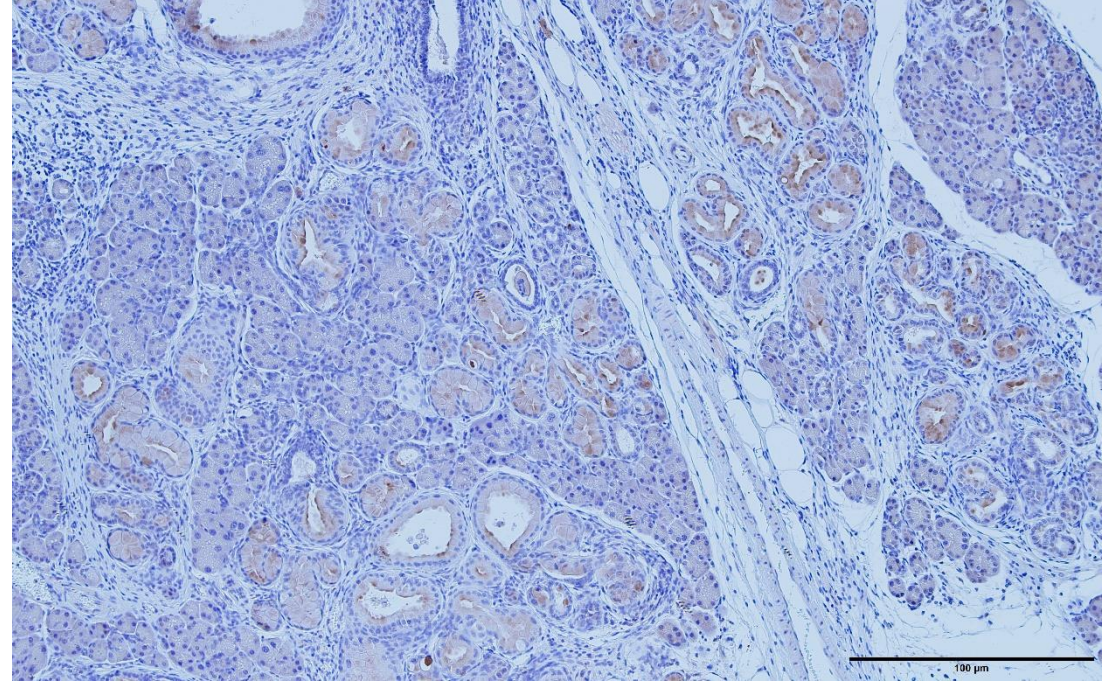
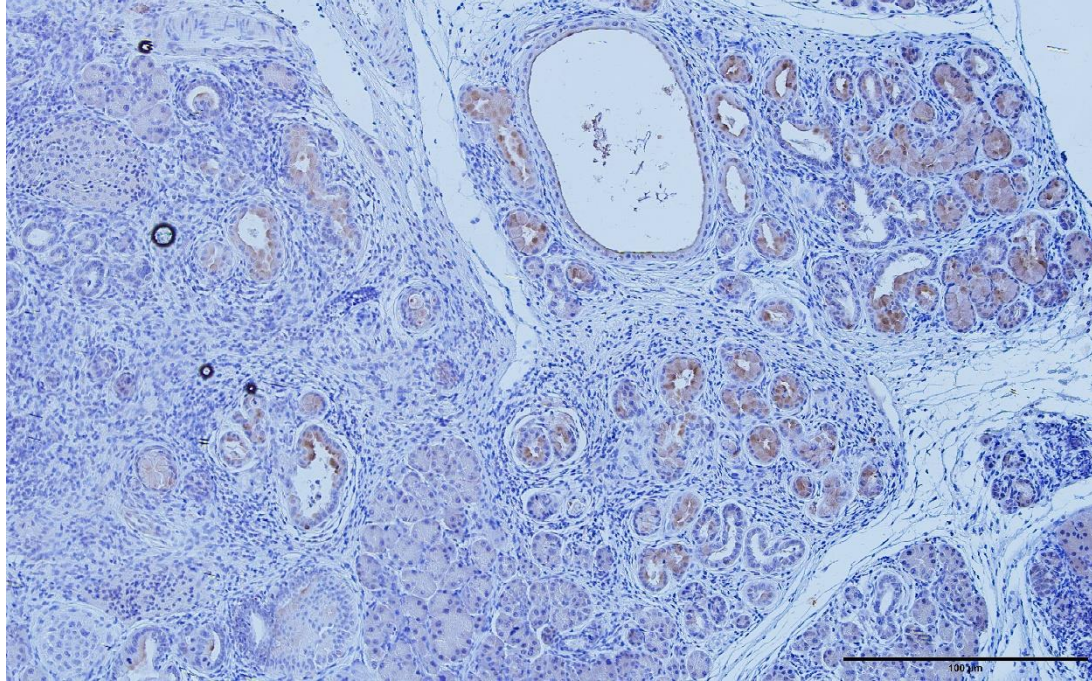
Anti-TFF1

MOUSE#2



Additional represented photos for Figure 4N

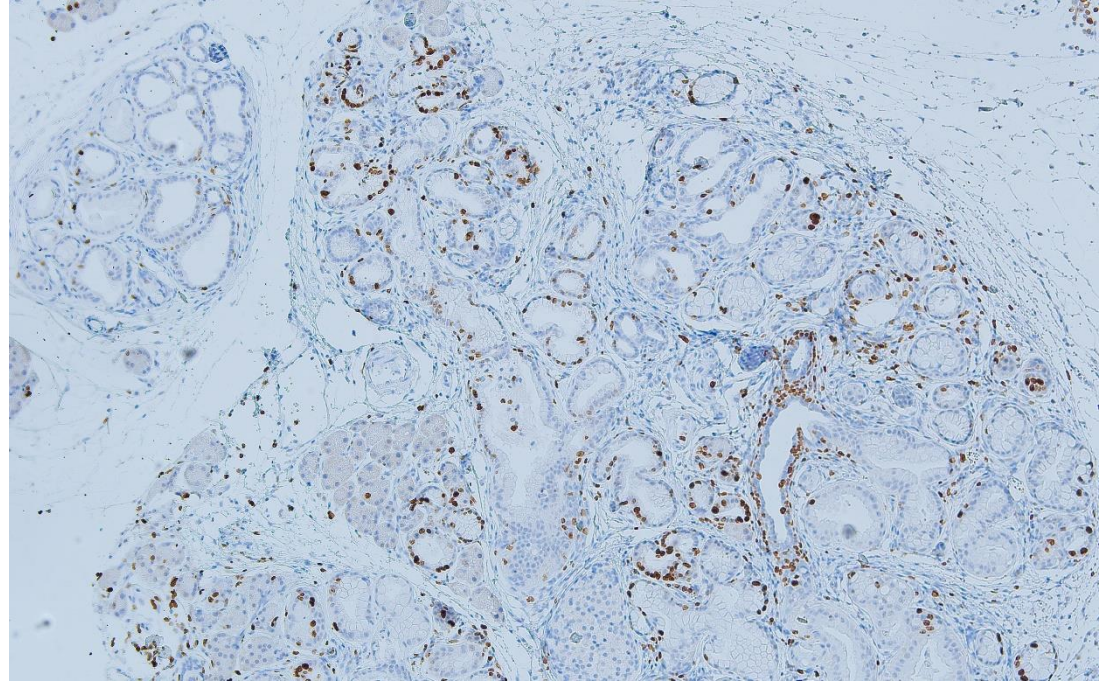
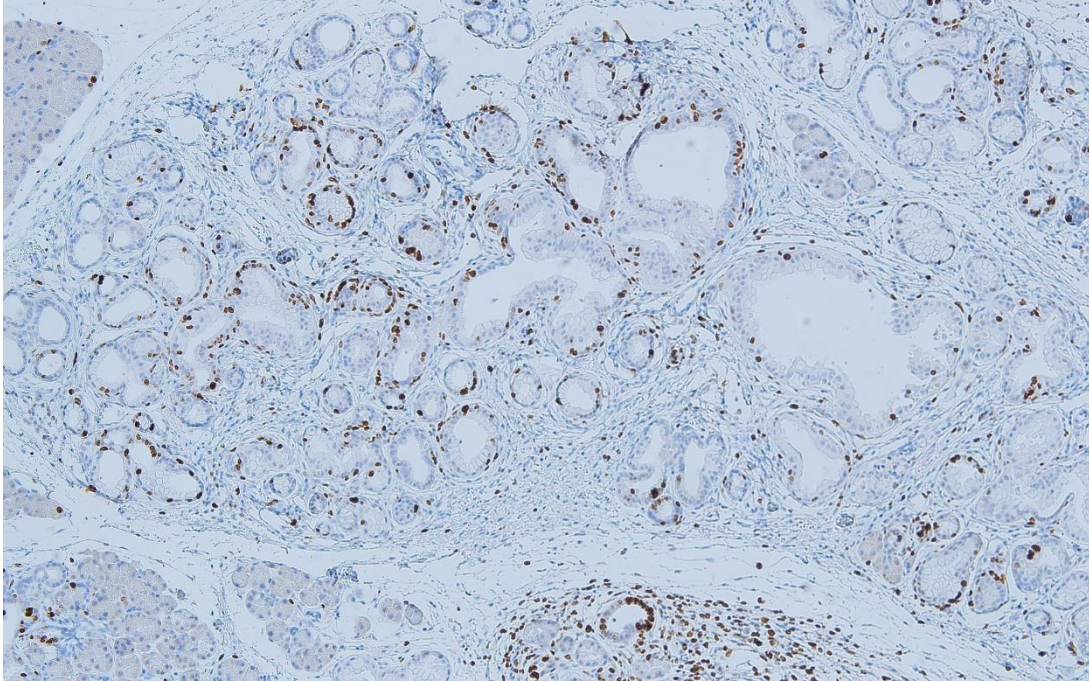
Anti-TFF1
MOUSE#3



Additional represented photos for Figure 4N

Anti-MKi67

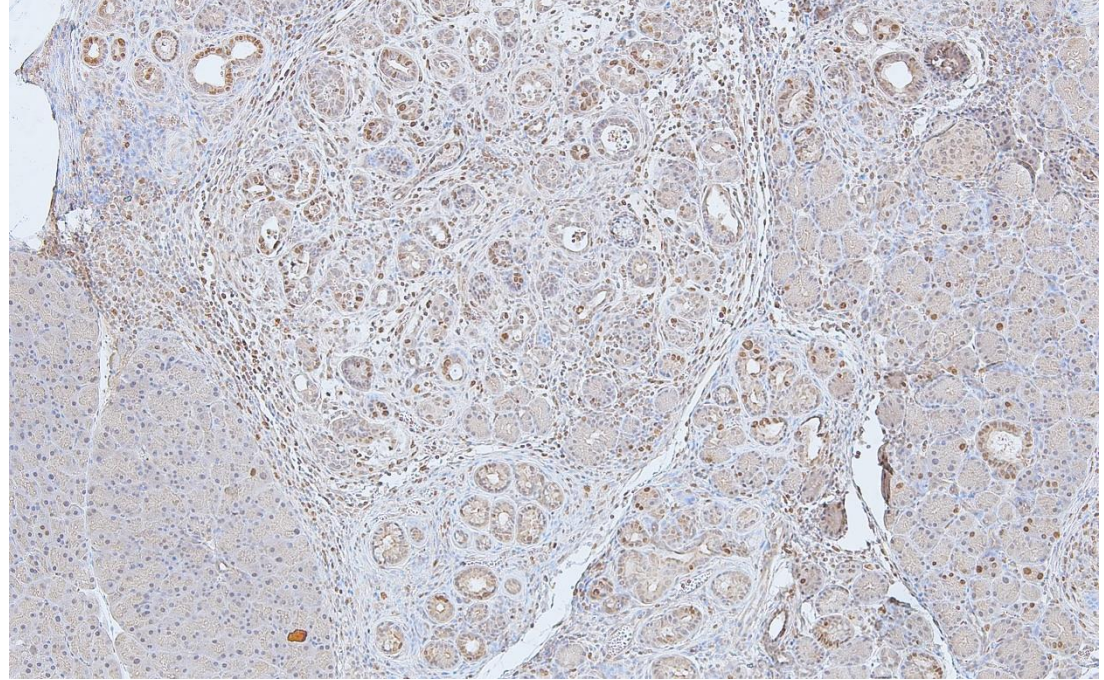
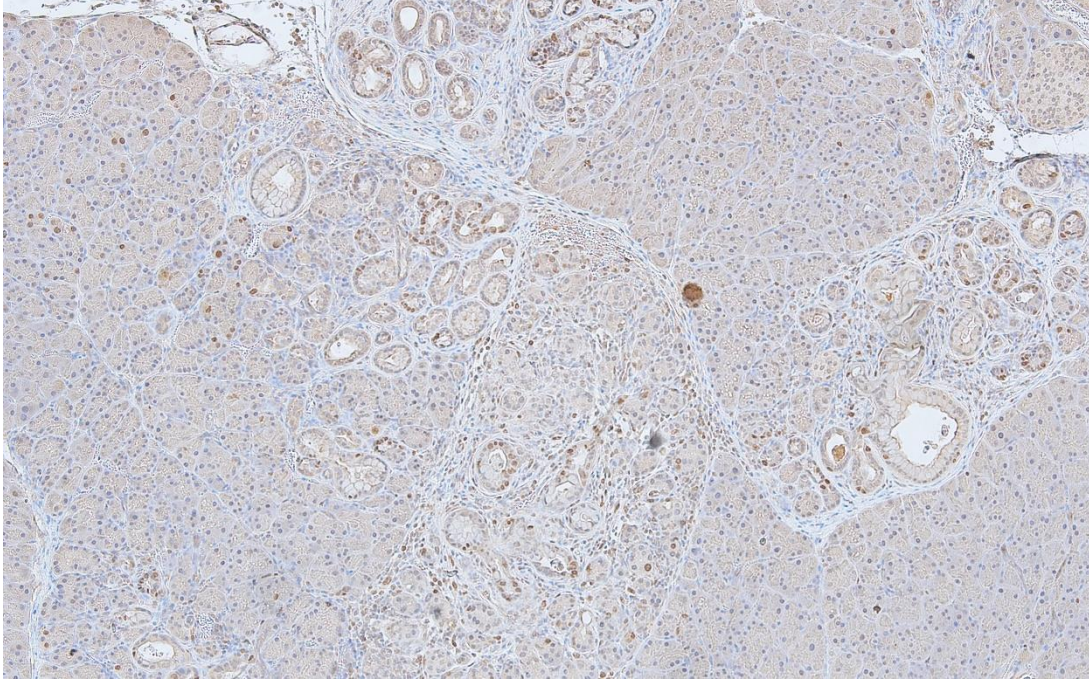
MOUSE#1



Additional represented photos for Figure 4P

Anti-MKi67

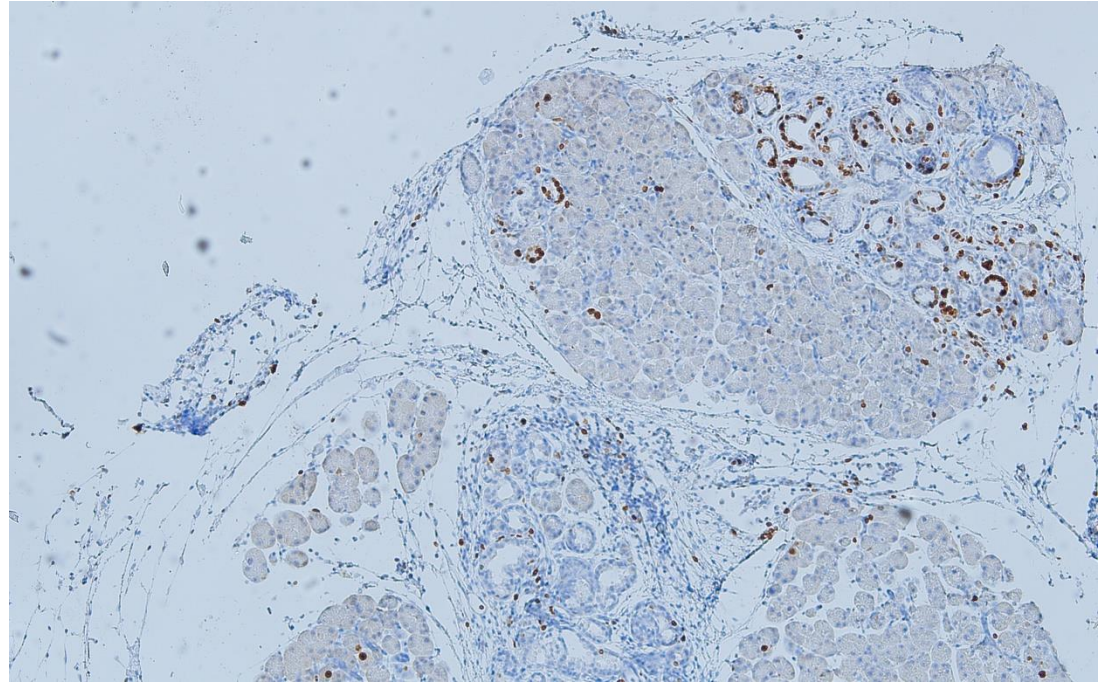
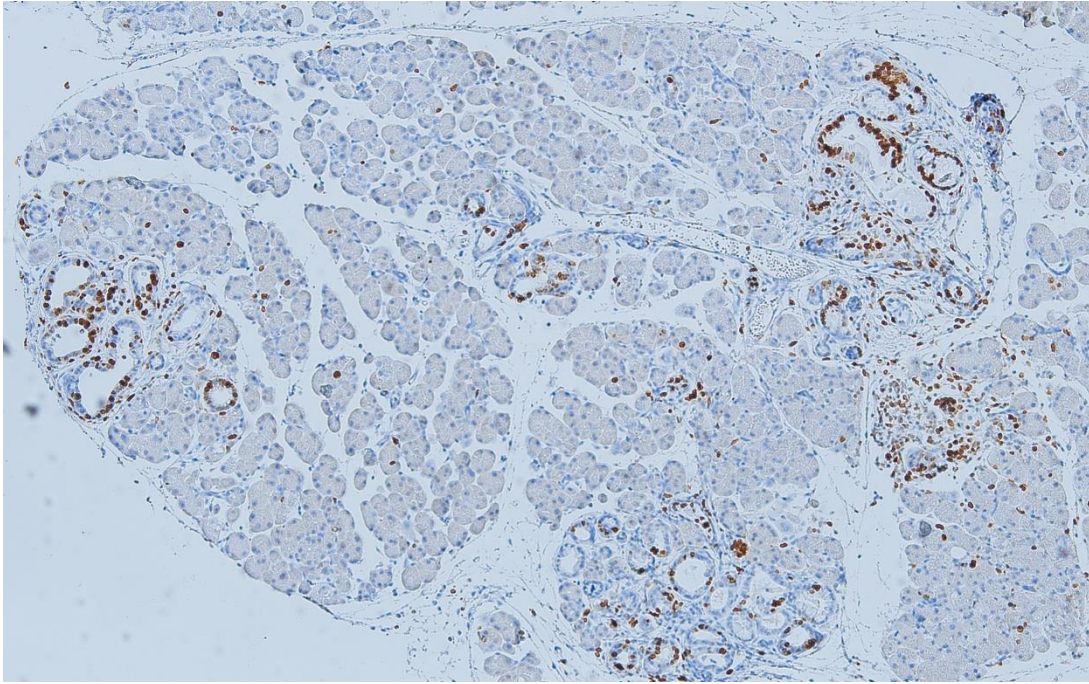
MOUSE#2



Additional represented photos for Figure 4P

Anti-MKi67

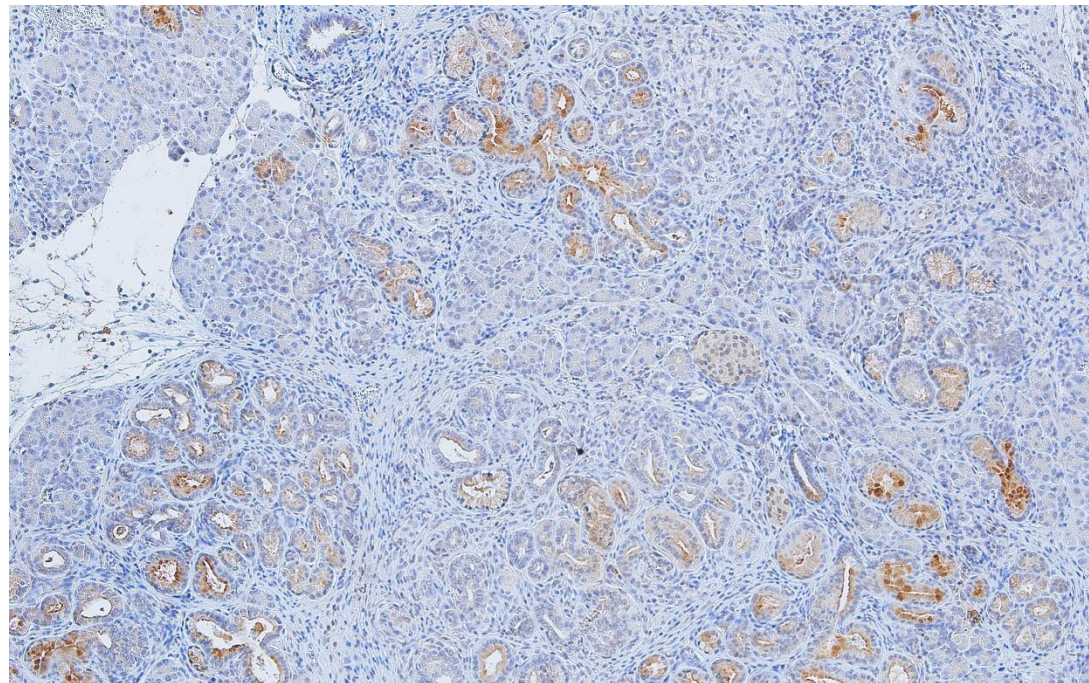
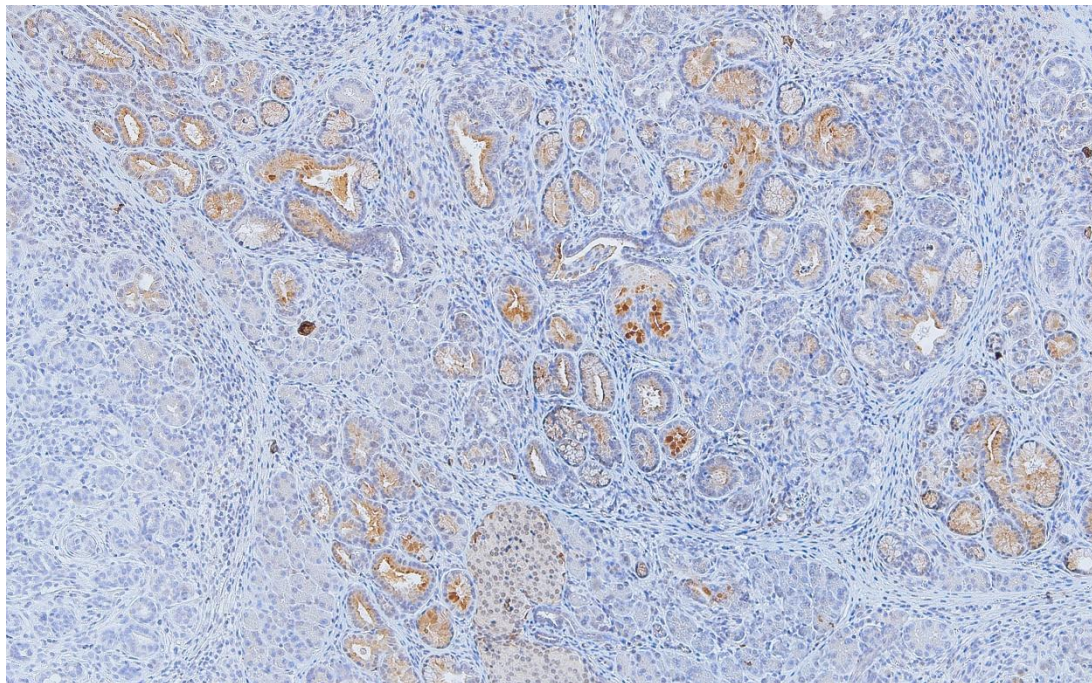
MOUSE#3



Additional represented photos for Figure 4P

Anti-TGFb1

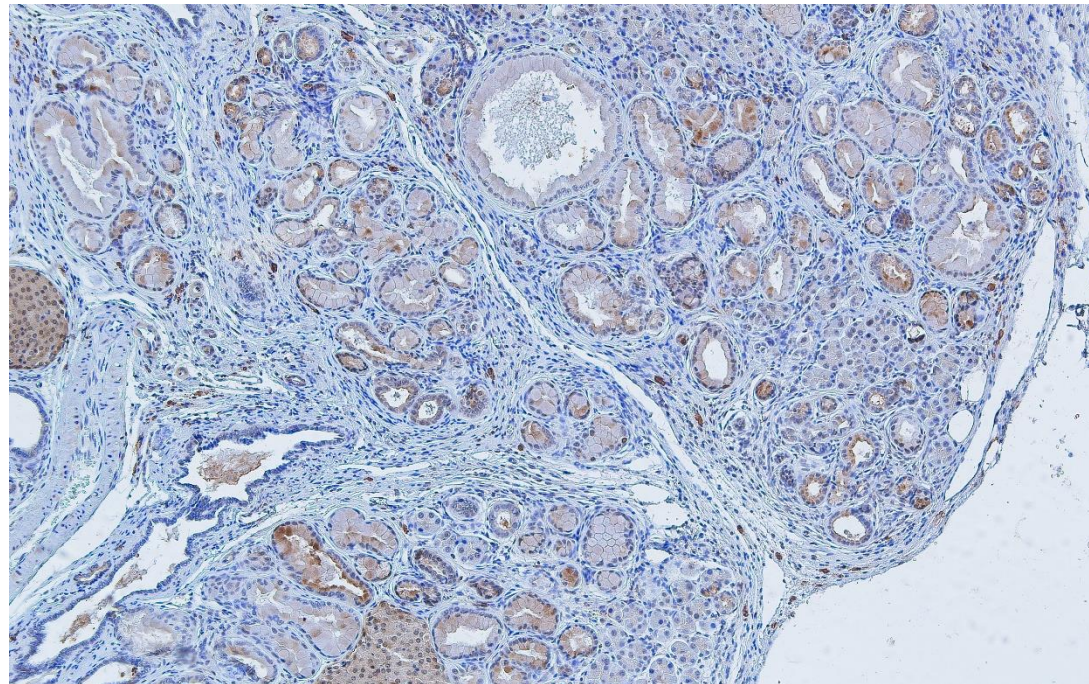
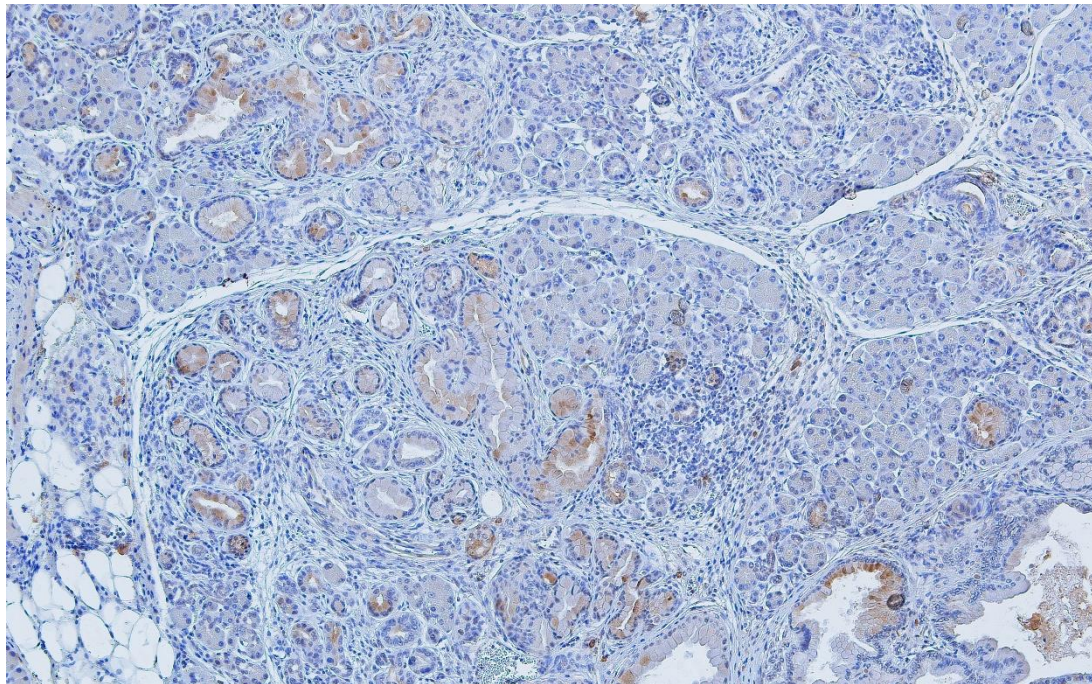
MOUSE#1



Additional represented photos for Figure 4G

Anti-TGFb1

MOUSE#2

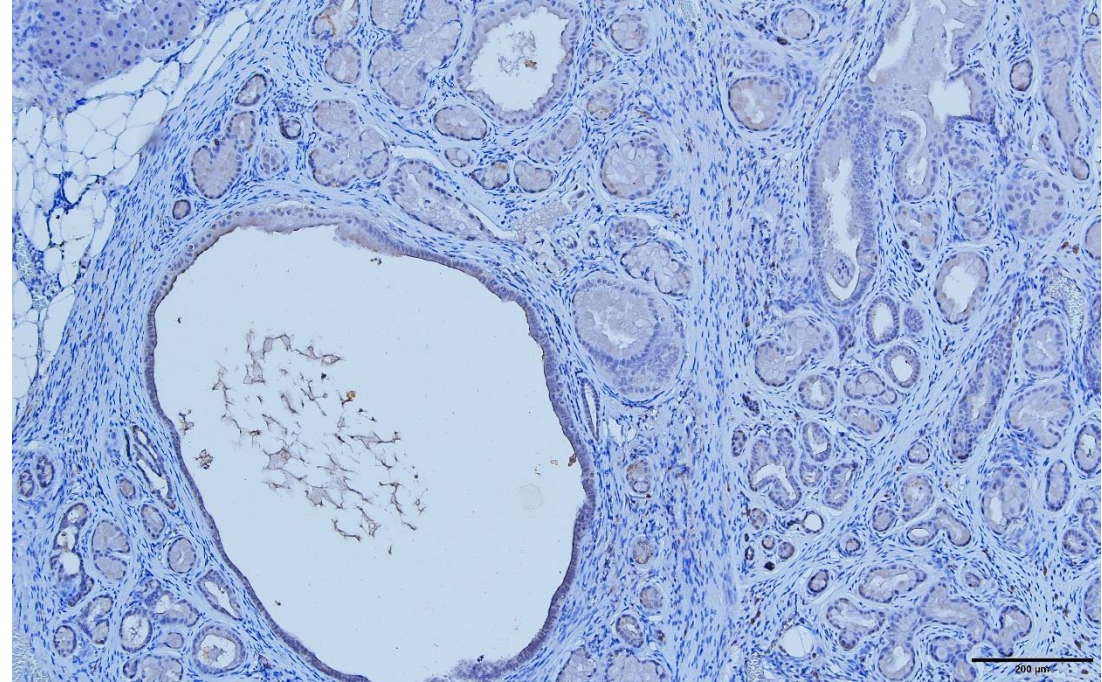
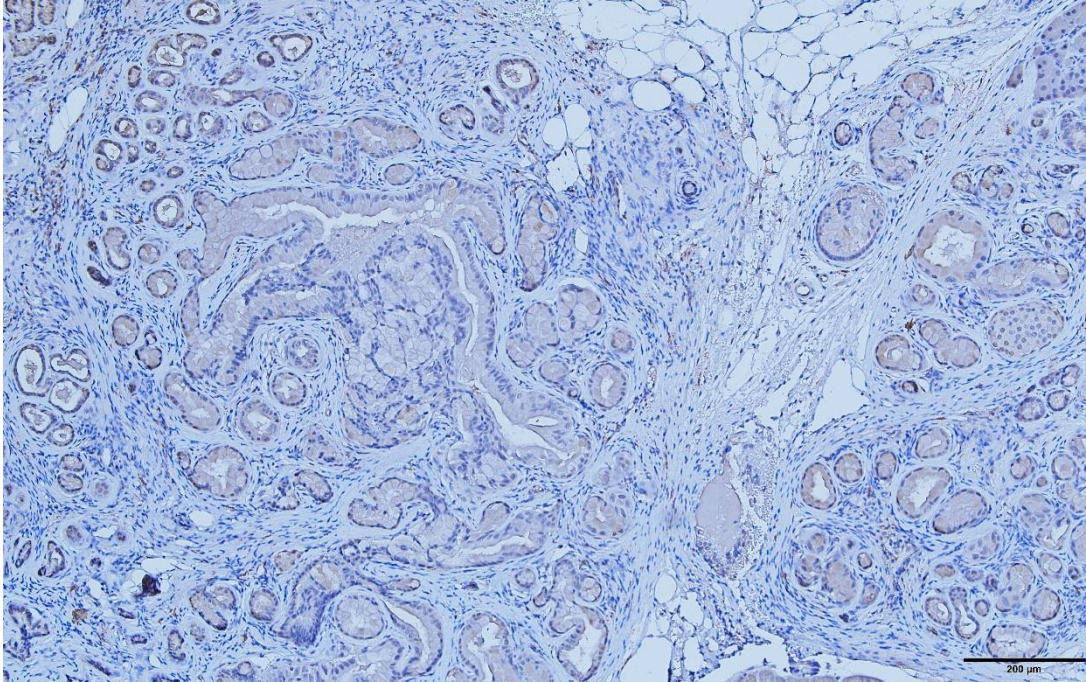


Additional represented photos for Figure 5

Additional represented photos for Figure 4G

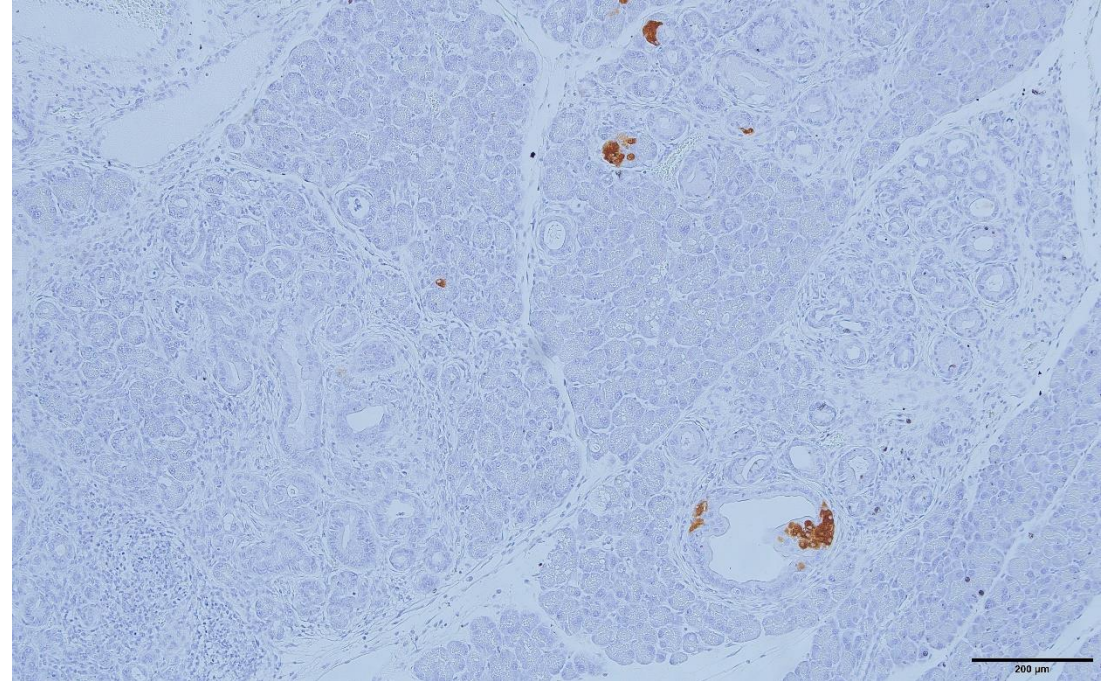
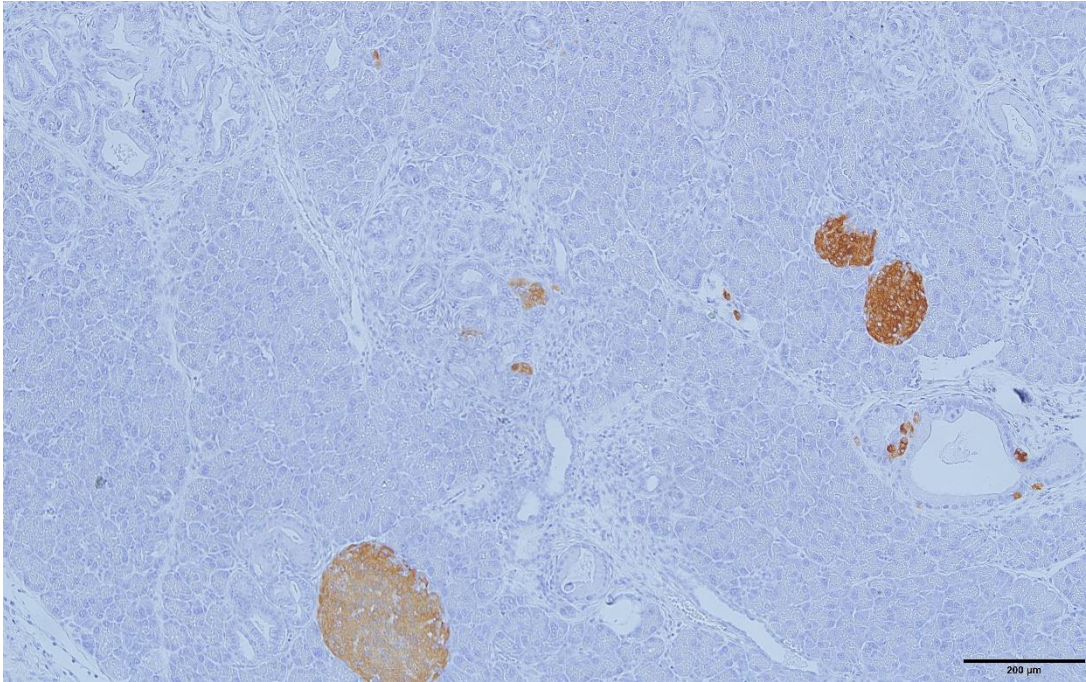
Anti-TGFb1

MOUSE#3



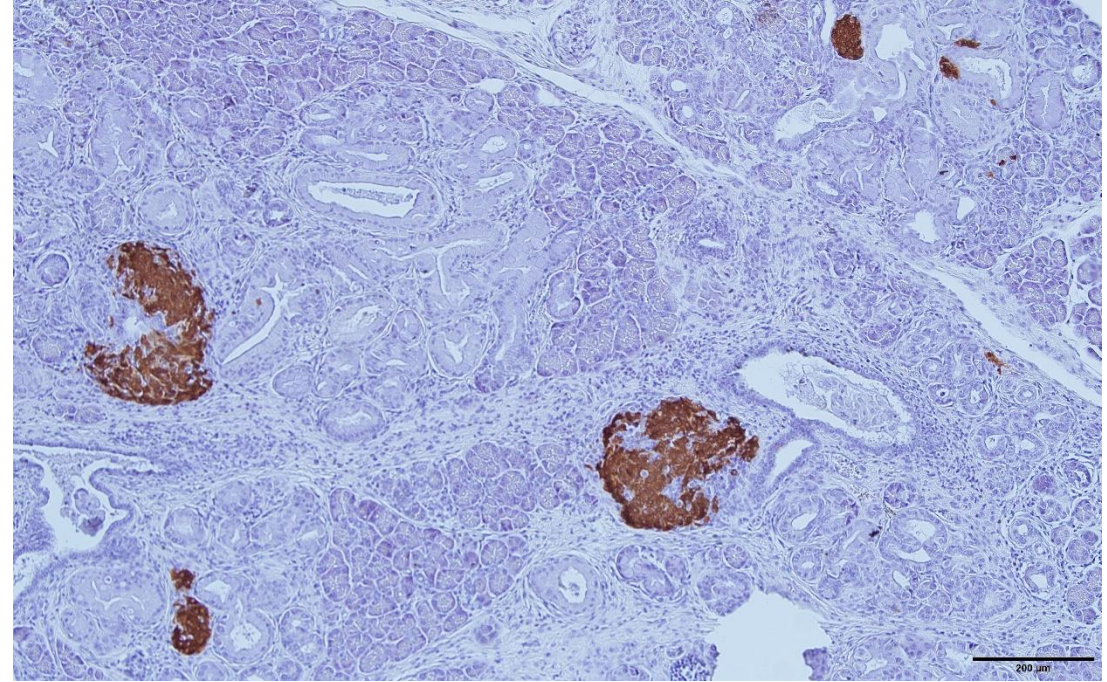
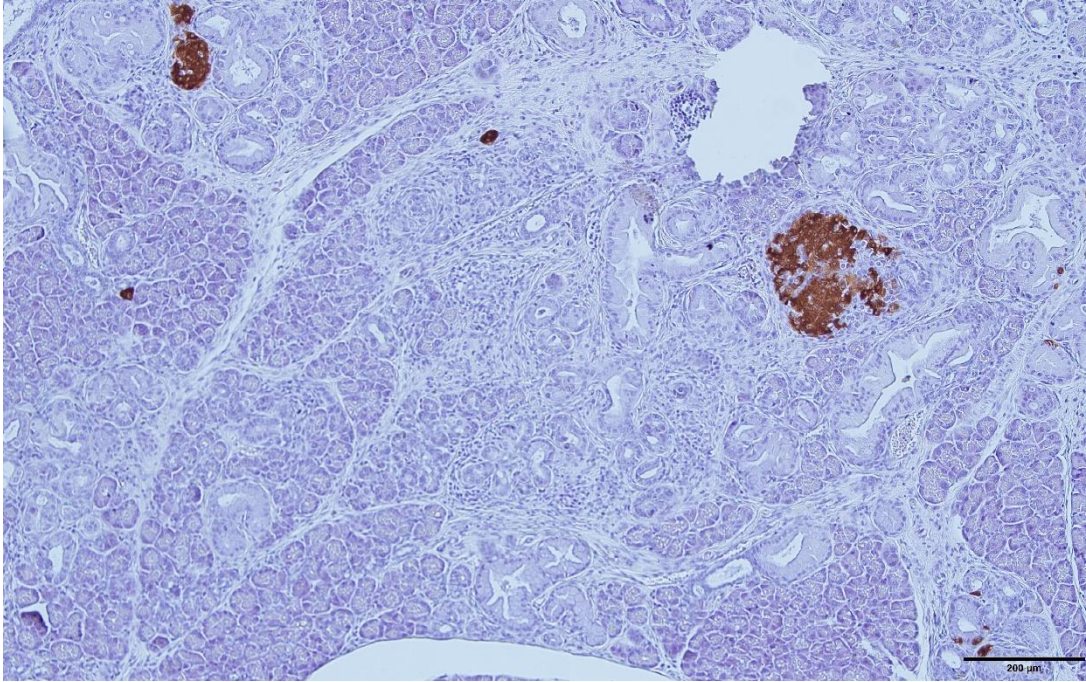
Additional represented photos for Figure 5
Additional represented photos for Figure 4G

Anti-Ins1
MOUSE#1



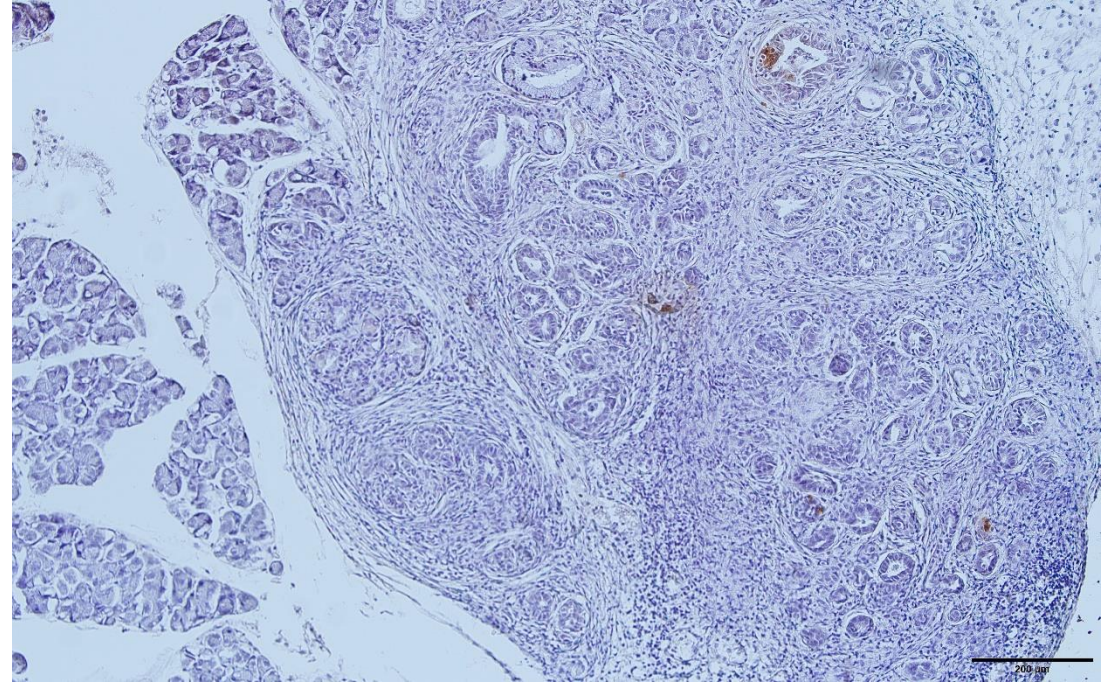
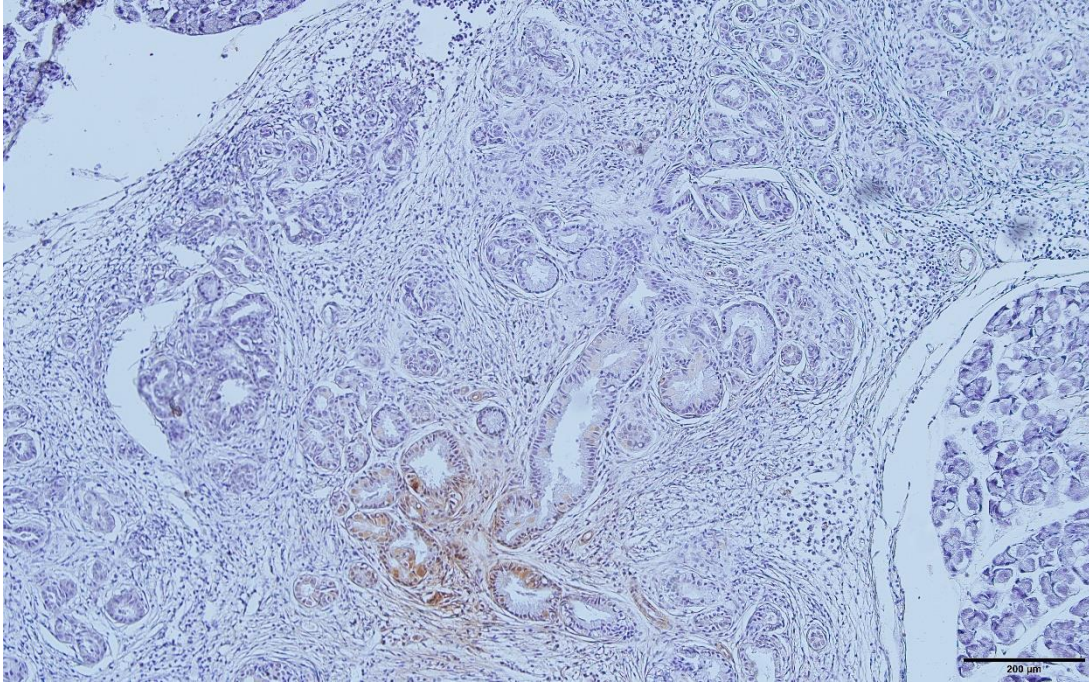
Additional represented photos for Figure 4B

Anti-Ins1
MOUSE#2



Additional represented photos for Figure 4B

Anti-Ins1
MOUSE#3



Additional represented photos for Figure 4B

Supplementary Figure 1a

Image Number	1#	2#	3#	4#	5#	6#	average	stdev
PT	0	0	0	0	0	0	0	0
17 days	0	0	0	0	0	2	0.3	0.8
1.5 months	0	0	0	0	1	12	2.1	4.8
3 months	43	30	54	61	35	21	40.6	15.0
5 months	47	58	66	57	58	44	55	8.0
9 months	93	83	66	59	84	98	80.5	15.1
15 months	103	89	123	96	91	84	97.6	13.9

Batch Analysis Report

Run Date: 7/26/20 11:00 AM

Experiment: 06/11/2018 2

User ID: Administrator

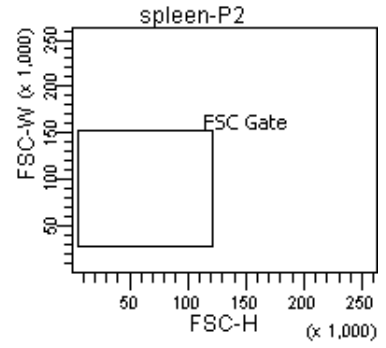
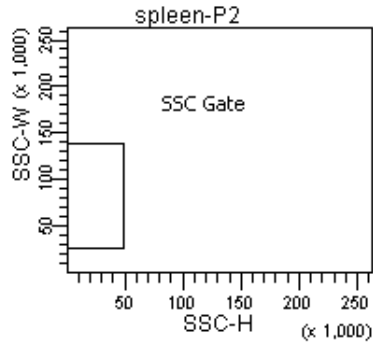
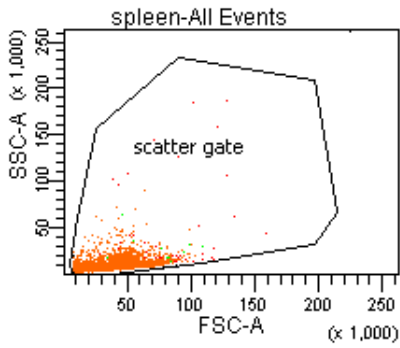
Statistics Output: N/A

Worksheet PDF Output: E:\SORTER\2018 2-Batch_Analysis_26072020105943.pdf

Specimen_001

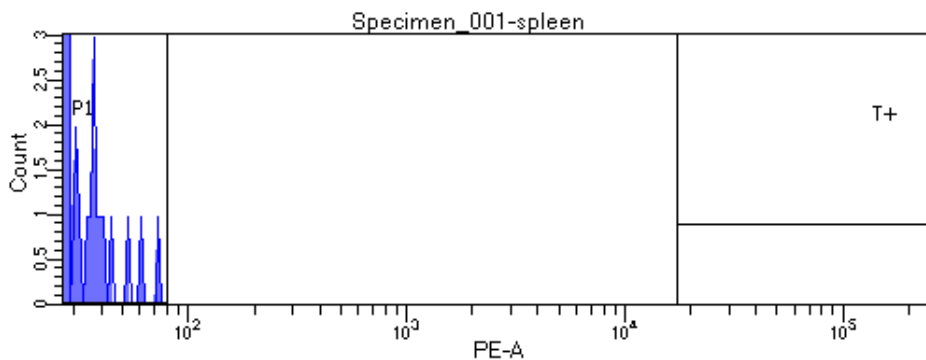
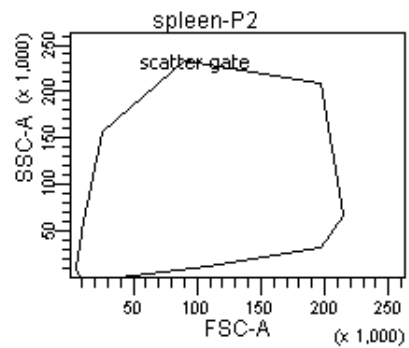
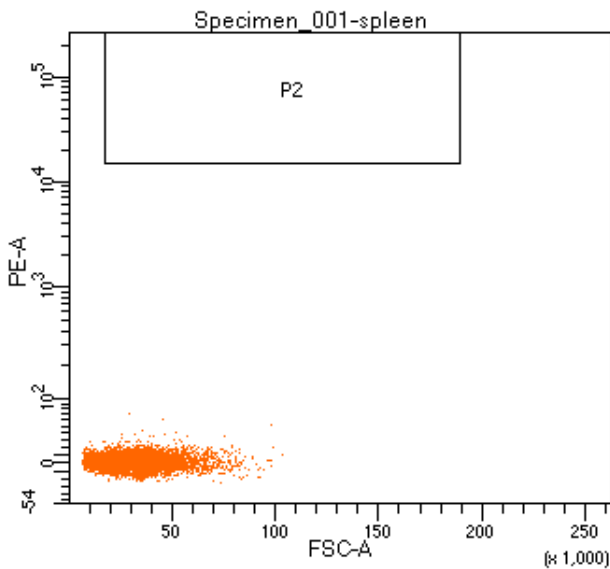
Tube	Status	Run Time
spleen	OK	7/26/20 11:00 AM
6 month prt	OK	7/26/20 11:00 AM
6 month prt_001	OK	7/26/20 11:00 AM

BD FACSDiva 8.0.1

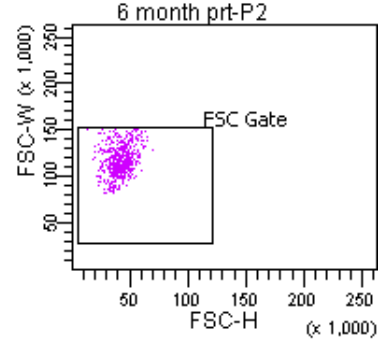
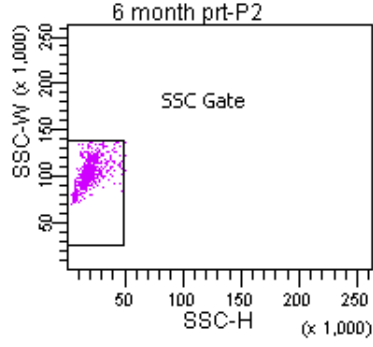
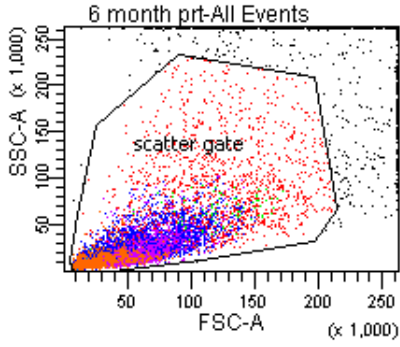


Tube: spleen

Population	#Events	%Parent	%Total
All Events	10,000	####	100.0
scatter gate	9,768	97.7	97.7
SSC Gate	9,641	98.7	96.4
FSC Gate	9,613	99.7	96.1
P1	9,613	100.0	96.1
CD45+	####	####	####
T+	0	0.0	0.0
P2	0	0.0	0.0

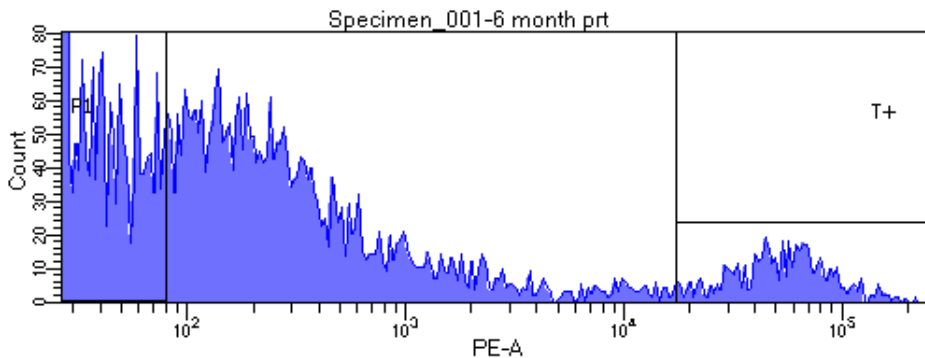
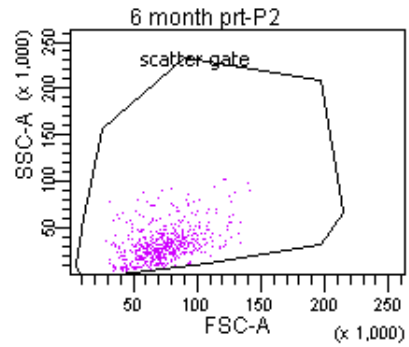
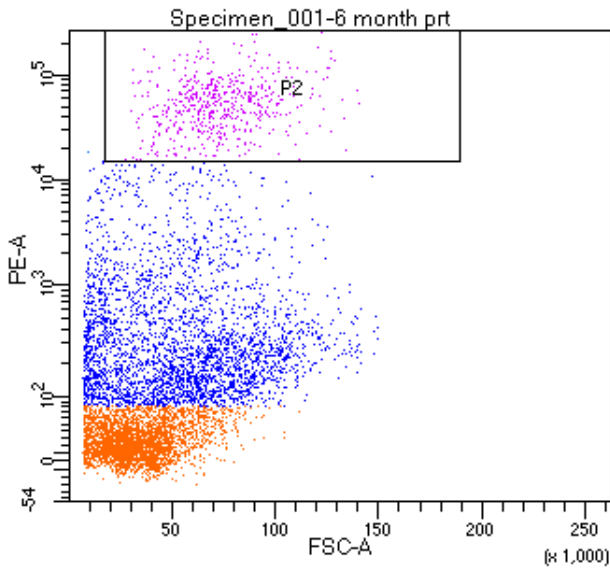


BD FACSDiva 8.0.1

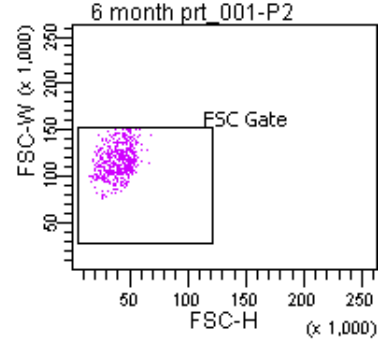
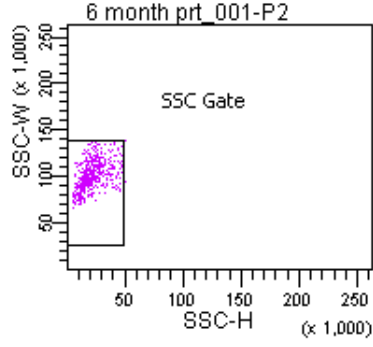
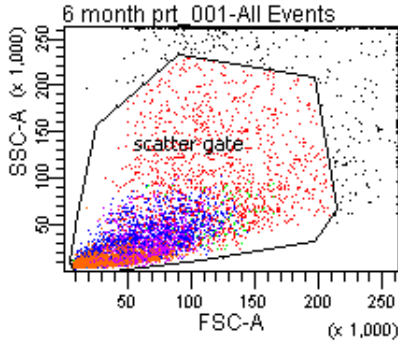


Tube: 6 month prt

Population	#Events	%Parent	%Total
All Events	10,000	####	100.0
scatter gate	8,904	89.0	89.0
SSC Gate	7,309	82.1	73.1
FSC Gate	7,179	98.2	71.8
P1	3,428	47.8	34.3
CD45+	####	####	####
T+	548	7.6	5.5
P2	562	7.8	5.6



BD FACSDiva 8.0.1



Tube: 6 month prt_001

Population	#Events	%Parent	%Total
All Events	7,020	####	100.0
scatter gate	6,132	87.4	87.4
SSC Gate	4,790	78.1	68.2
FSC Gate	4,693	98.0	66.9
P1	2,048	43.6	29.2
CD45+	####	####	####
T+	510	10.9	7.3
P2	522	11.1	7.4

