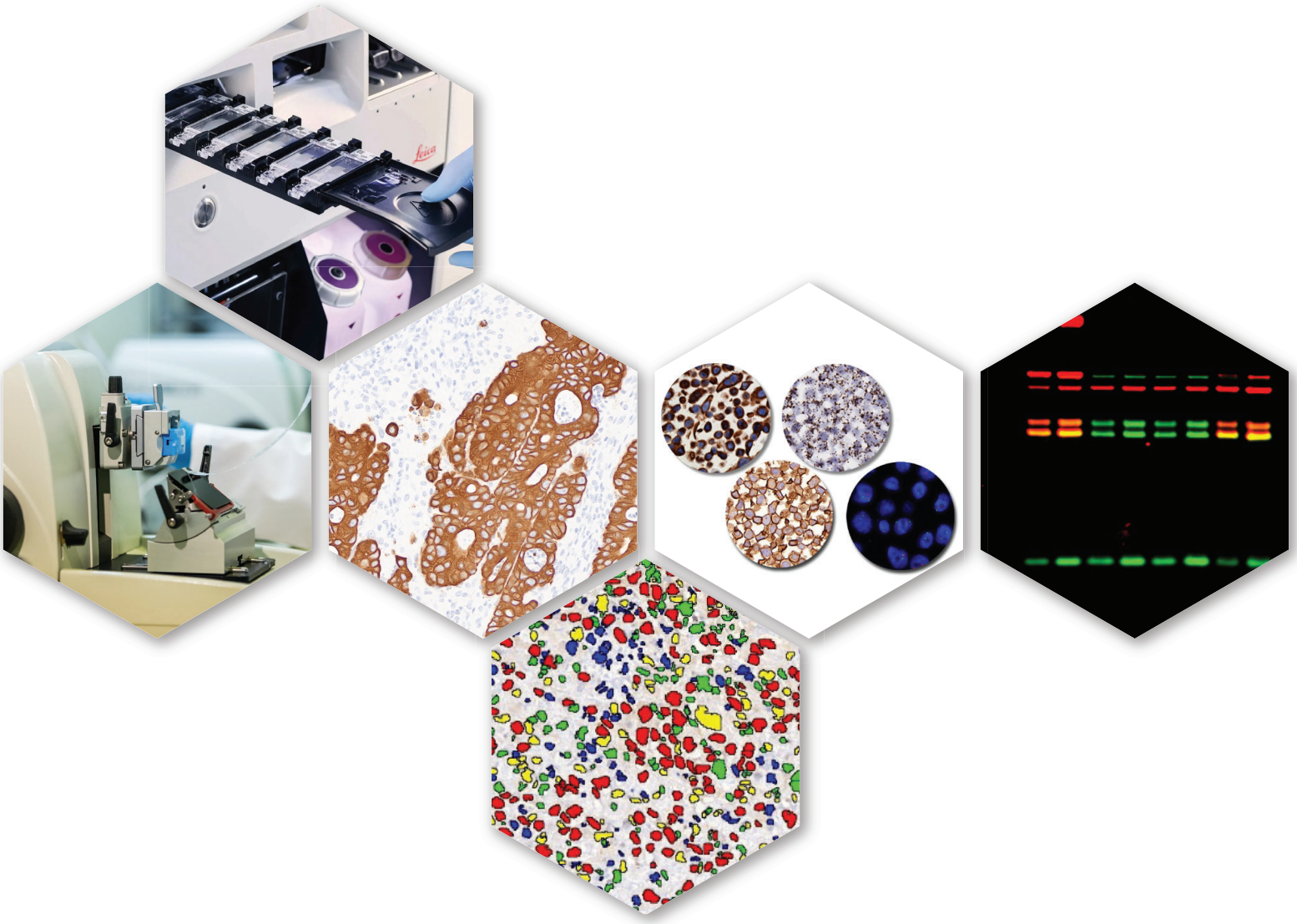
acepix

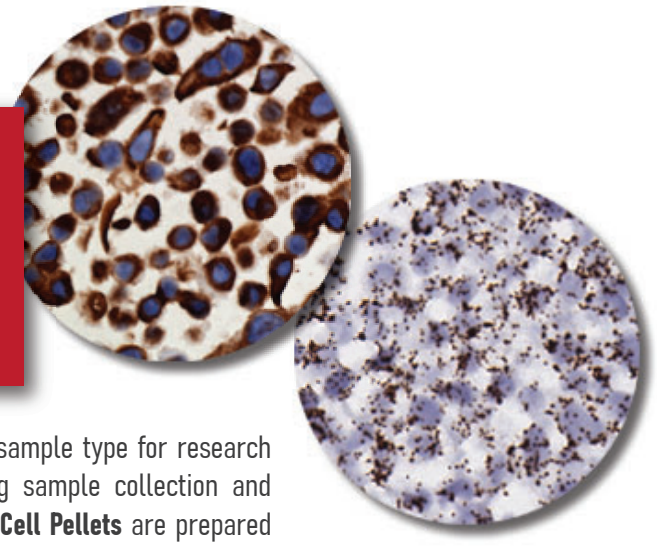


Acepix Biosciences

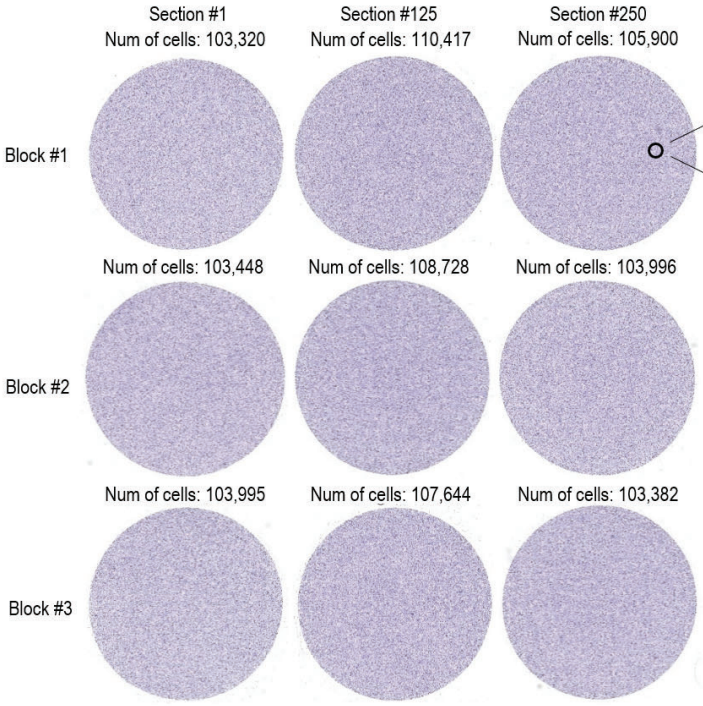
Partner of BioPharma Research since 2017

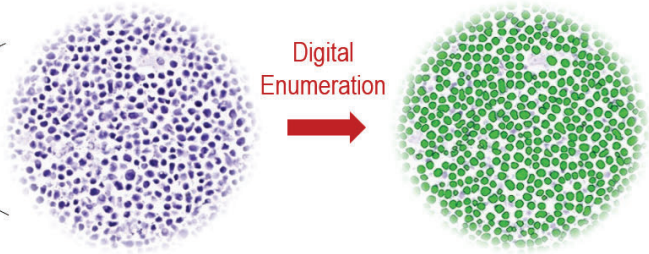
A-FLX™ FFPE Cell Pellets

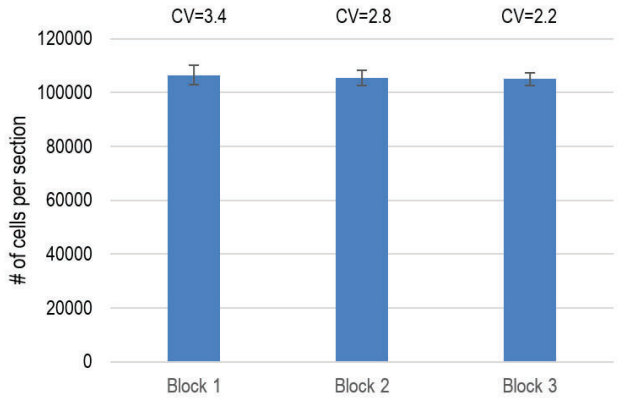
The ultimate research and diagnostic tools and reference materials

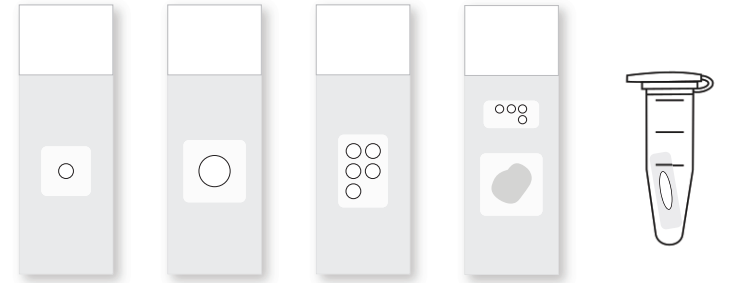


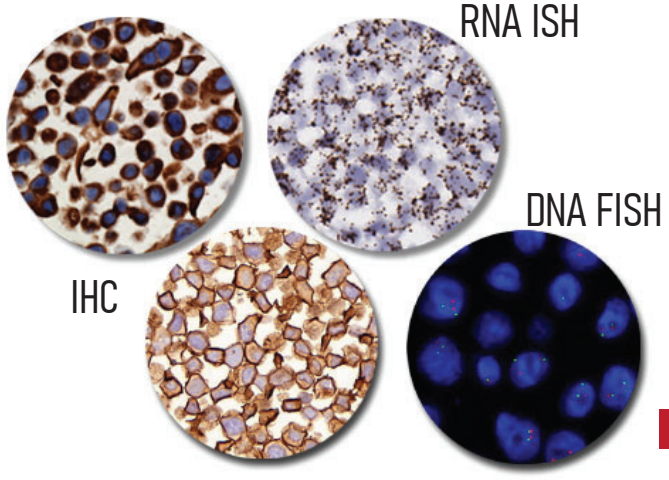
Formalin-Fixed Paraffin-Embedded (FFPE) specimens are an important sample type for research and diagnostics. However, considerable variabilities may occur during sample collection and processing, leading to inconsistent downstream analyses. **A-FLX™ FFPE Cell Pellets** are prepared under strictly controlled conditions and manufactured with high precision and consistency, making them ideal tools for biomarker discovery, assay development, and testing reference materials.











- High consistency
- High quality biomolecules
- Versatile formats
- Over 300 in-house cell lines
- Validated biomarker controls
- Highly customizable

A-FLX™ Control Cell Pellet Arrays (CPA)

Our High-Yield High-Consistency FFPE Cell Pellet Arrays (CPA) harboring high protein and RNA quality cover wide-spectrum expression of biomarkers and are ideal tools for assay development, biomarker discovery and validation, and test controls.

Over 700
Section yield per block (3µm)

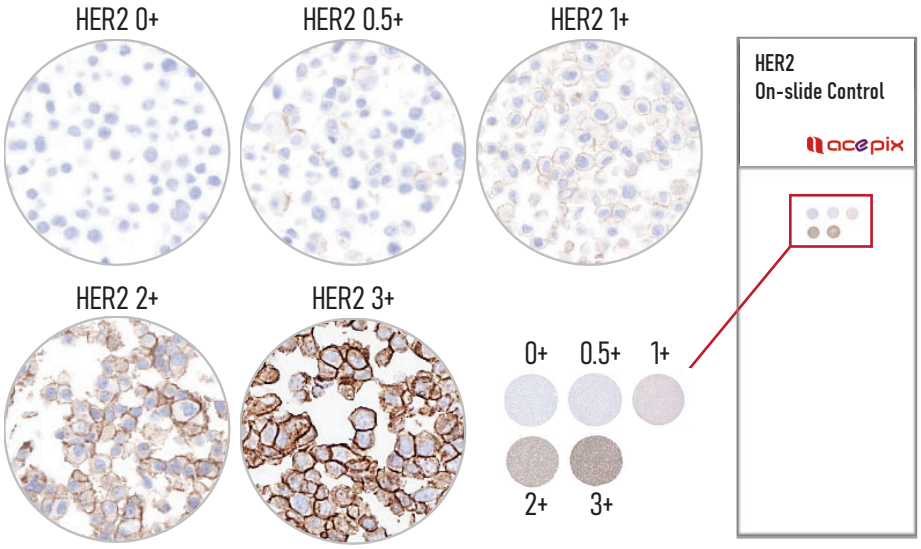
Over 1 Million
Consistent slides produced

Over 300
Cell lines for custom CPA

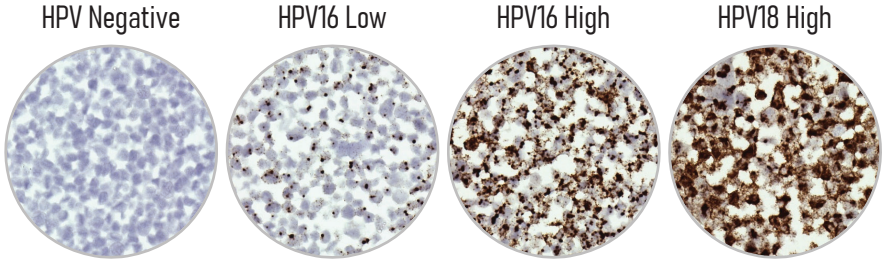
HER2 On-slide Control CPA

The first 5-core HER2 control panel designed for enhanced sensitivity and optimized to include critical cut-offs for HER2 Ultralow (0.5+, 1+) and HER2 Low (1+, 2+)

Name:	HER2 Cell Pellet Array
SKU:	3700-0220
Core number:	5
Core size:	2mm
Intended use:	Research use only
Validated on:	Benchmark Ultra (Roche), Omnis (DAKO), Bond III/RX (Leica)

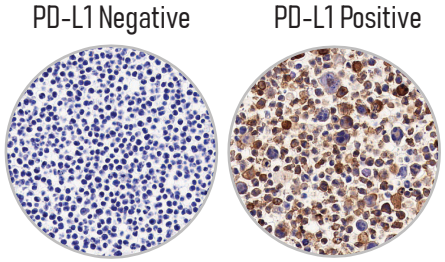


HPV Cell Pellet Array



Name:	HPV Cell Pellet Array
SKU:	3700-0320
Core number:	4
Core size:	2mm
Intended use:	Research use only
Validated by:	RNAscope RNA ISH (Biotechne)

PD-L1 Cell Pellet Array



Name:	PD-L1 Cell Pellet Array
SKU:	3700-0420
Core number:	2
Core size:	2mm
Intended use:	Research use only
Validated on:	Benchmark Ultra (Roche), Omnis (DAKO)

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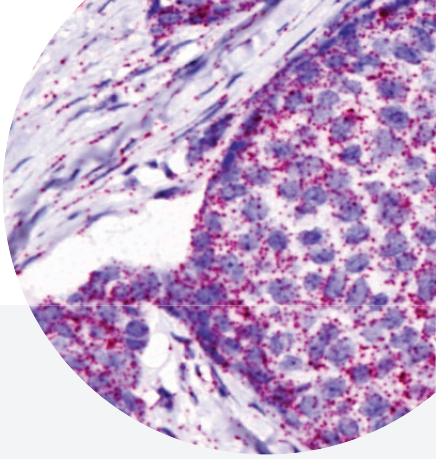
High RNA Quality FFPE Human and Animal Tissues



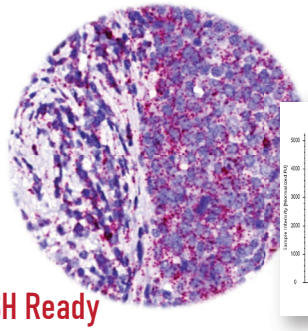
Suboptimal Tissue Quality - One of the leading causes of misleading biomarker research

Majority of human FFPE tissues in the market are aged for more than 5-10 years and stored at ambient temperature with highly compromised biomolecules, especially RNA, posing great challenges for meaningful biomarker analyses.

Data Confidence - The Acepix approach of biospecimen procurement

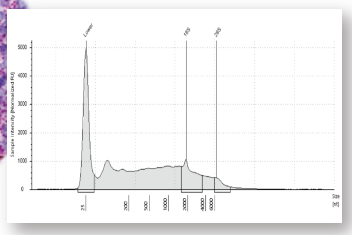
Human FFPE Tissues - Ethically sourced and highest quality in the market

- **Recently Collected Tissues**
  Most tissues are acquired within 3 years of collection
- **Strict Quality Control**
  Pathologist QC with whole slide digital H&E images
- **Optimal Storage**
  Cold storage with strict environmental control
- **Superior Molecule Quality**
  Suitable not only for protein but also RNA analysis



RNA ISH Ready

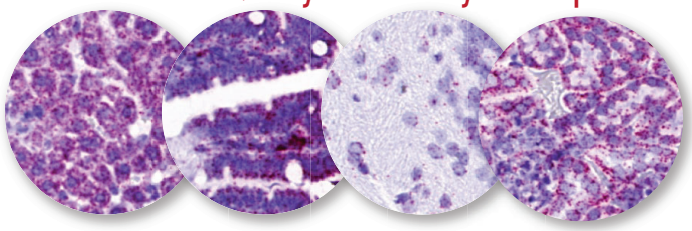
High DV200 Scores



Animal Tissues - Ultra high consistency and molecule quality

- **Optimal Collection**
  Less than 5min ischemic time with perfusion option to preserve the most sensitive biomarkers
- **Strict Process Control**
  Strict control of fixation time and temperature, as well as highly optimized FFPE processing

Perfect RNA Quality validated by RNAscope*

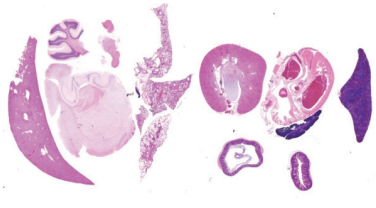


* RNAscope is an RNA ISH technology developed and trademarked by Advanced Cell Diagnostics

Special Tissue Arrays - Larger tissue cores for more comprehensive biomarker analyses

Name: Human Normal Tissue Array
SKU: 7310-9020
Tissue Type: Breast, Skin, Lung, Colon, Tonsil, Liver, Prostate, Brain, Stomach, Pancreas, Kidney

Name: Human Cancer Tissue Array
SKU: 7300-9020
Tissue Type: Breast, Melanoma, Lung, Colon, Tonsil, Liver, Prostate, Brain, Stomach, Lymphoma



Name: Mouse Multi-tissue Array (BALB/C)
SKU: 7010-8020
Tissue Type: Liver, Brain, Lung, Kidney, Heart, Spleen, Intestine, Colon

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Histo-Pathology Services

One-stop solutions from wet tissue to digital archiving and analysis

Histology and Pathology are essential workflows in biomarker discovery, translational research, drug development, and diagnostic test development. **Acepix Histo-pathology Services** are one-stop solutions from wet tissues to digial archiving and analysis to fullfil the needs of all applications

Highest Quality · Comprehensive · Economical · Fast Turnaround

Basic Histology Services

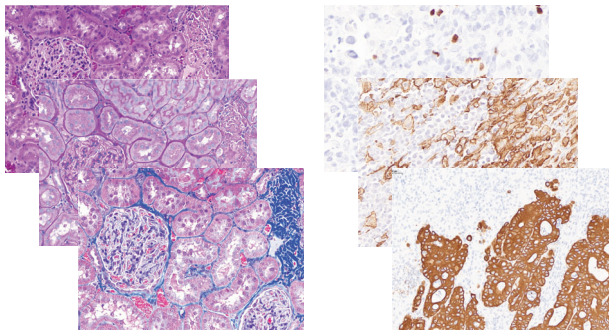
FFPE processing
Grossing and cassetting
Processing and embedding
TMA construction
FFPE sectioning

Cryo (OCT) processing
Cryo-embedding
Cryo-sectioning

Staining Services

Histology staining
H&E
Special stain
TUNEL

Advanced staining
Immunohistochemistry (IHC)
In situ hybridization (ISH)
Automated staining



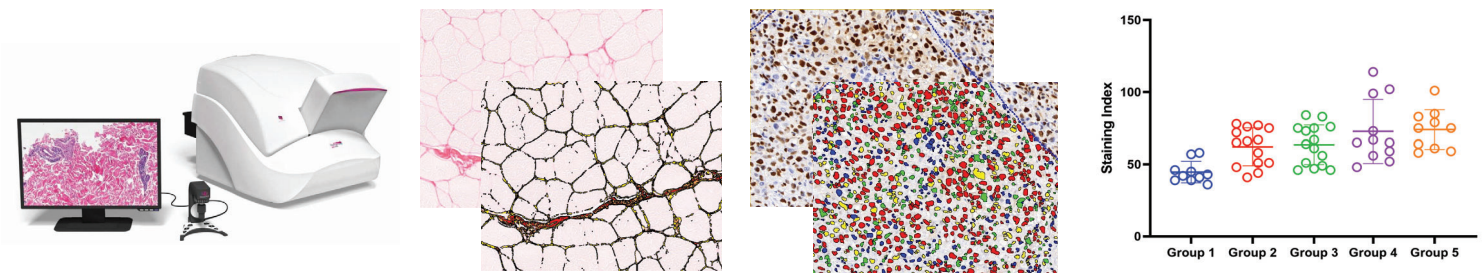
Digital Pathology Services

Digital archiving
40X whole-slide scan
Extended focus
100% QC for maxium quality

Digital image analysis
Routine analysis of IHC and special staining
Custom algorithm development

Pathology Services

Pathologist review
Review by Board certified pathologists
Pathology report



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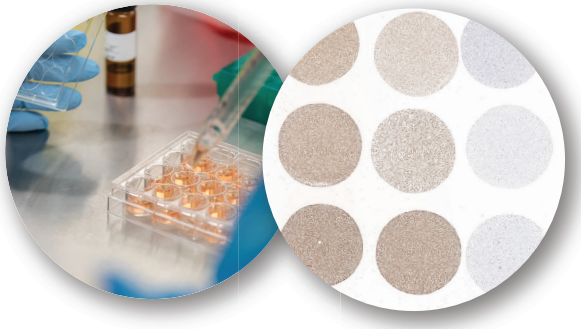
Biomarker Research
Drug Discovery Services

PRECISION **ACCELERATION** **HIGH THROUGHPUT**

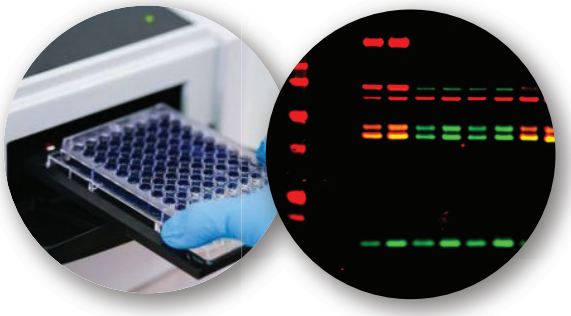
Cell Based Research

Over 300 in-house cell lines
Cell assays and characterization
Biomarker overexpression
FFPE or OCT cell pellets and arrays



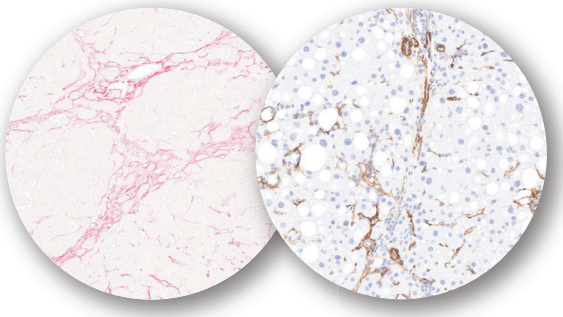
Biomarker and Pathway Characterization

Expression analysis
Compound screening
Signaling pathway characterization
Protein and molecular biology studies



Pre-clinical Studies

Animal tissue processing
In vitro biomarker characterization
Histopathology analysis
Over 50 validated mouse-specific antibodies



Assay Development

Immunostaining and IHC antibody screening
Assay optimization and validation
CDx assay development and transfer

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