

Tissue-Driven Insights for Discovery and Trials

We leverage board-certified pathologists, novel assay development and validation, and a full suite of services to deliver gold-standard IHC and multiplex immunofluorescence solutions.



Curated
Biospecimens



Custom Kits
and Sample
Processing



Assay Design
and Execution



In-house
Pathologists



Quantitative
Analysis



Regulatory
Guidance

Single Biomarker

Validated Breadth

Multi-marker

Exploratory Depth

Immunohistochemistry



Reveal and validate biomarkers with Precision's CAP/CLIA-compliant, globally harmonized IHC services, delivering the reproducible results you need for confident decisions

Multiplex Immunofluorescence



Map up to 60 biomarkers at once with single-cell, spatial resolution, delivering deep immune phenotyping and TME characterization

>400 Markers

Broad breadth of experience with 400+ IHC markers, enabling confident diagnostics, tumor classification, and translational research.

Clinical Diagnostics & CDx:

HER2, ER, PR, PD-L1 (FDA-approved contexts), CEACAMs (limited IHC validation), Trop-2

Tumor Classification & Proliferation:

Cytokeratins, EpCAM, Ki-67, p53

Fibrosis & TME Studies:

Collagens I/III, SMA, FAP, Vimentin, fibrosis scoring, stromal remodeling

Immuno-Oncology monitoring:

FoxP3, CD3, CD8, and Granzyme B

ADC Target Validation:

CD30, CEACAM5

Regulatory/Trial Work:

CAP/CLIA-validated duplex IHC stains for endpoint measurements

>130 Markers

Flexible panel design from 130+ markers, supporting deep immune profiling and tailored study designs.

Immune Checkpoint Profiling:

PD-1, PD-L1, TIM-3, TIGIT, LAG3

Canonical IO Panels:

CD3, CD4, CD8, CD68, FoxP3 (spatial immune infiltration)

Expanded Immune Regulation:

CD4, FoxP3, CD25 (regulatory T-cell subsets)

Tumor-Immune Interaction:

Cytokeratins + checkpoint markers for immune-excluded vs inflamed phenotypes

Stroma in Context:

Vimentin, Collagens, Versican, integrated with immune/tumor signals

Spatial Biology:

Cell-cell interaction mapping, immune synapse analysis, multiplex co-expression



From Raw Pixels to Quantitative Endpoints

Harness advanced algorithms to quantify tissue features that accelerate biomarker discovery and clinical trial decisions



Circulating Tumor Cell Analysis

Extend tissue insights into blood to capture and multiplex-profile CTCs at the cell level with Apostream® isolation