

Histology and Digital Pathology



Accurately visualize drug effect through next generation IHC and IF

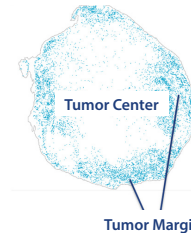
Explore your drug's MoA and efficacy through comprehensively characterizing the spatial distribution of cellular components. Increase your preclinical and clinical success by visualizing expression of response or safety biomarkers.

Our well-validated histology and digital pathology platform ensures high quality analysis of your preclinical and non-CLIA regulated samples.

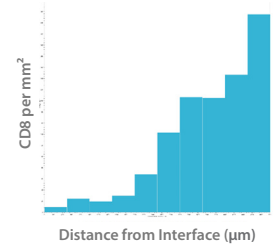
- Save time without compromising accuracy with our histology and digital pathology platform:
 - Increase efficiency with automated IHC and IF staining using industry standard Leica BOND RX
 - Rapidly review slides with automated scanning and data sharing utilizing industry standard NanoZoomer
 - Characterize tissue morphology in depth with highplex FL and multiplex IHC
 - Identify subcellular structures, classify tissues, and analyze spatial distribution and proximity using industry standard HALO™
 - Rapid turnaround of consistent results with our stringent validation and QC processes.
- Select appropriate models by screening TMAs for target expression.
- Choose from over 300 IHC validated biomarkers to efficiently progress research.
- Eliminate human error through central data processing and analysis facilitated by data transfer software.
- Analyze the tumor microenvironment (TME) to understand anticancer therapeutic efficacy and MoA.

Spatial Analysis of TME

Highly Concentrated Distribution of CD8⁺ T Cells on Tumor Margin

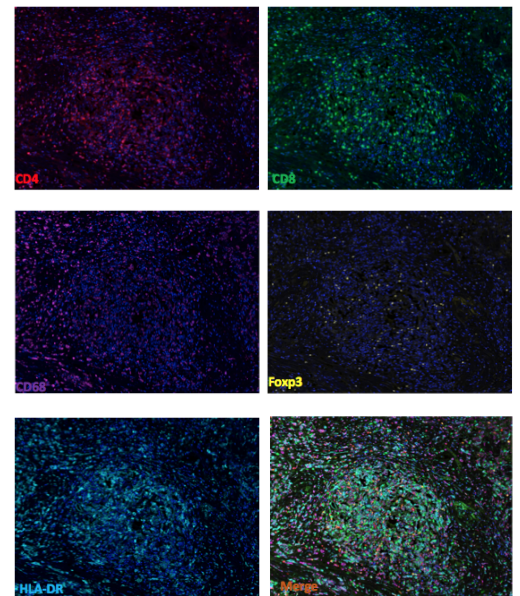


CD8 Densities Around Interface



Multiplex Immunofluorescence Image of Patient HCC Tumor

Labeled for FoxP3, CD4, CD8, CD68, HLA-DR, and DAPI



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Schedule Scientific Consultation

Request a consultation to discuss your project.
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Additional Resources

Read supporting publications, white papers, watch presentations, and more.
crownbio.com/resources