



Trusted Experts in Tissue-Based Biomarker Services

From IHC to multiplex immunofluorescence, StageBio delivers the translational insights and regulatory-ready data your program needs.



- **300+** Ready-to-deploy Validated Biomarkers
- **15+** Species Coverage Certified Pathologists
- **Pathology-led** IHC
- **GLP & Non-GLP** Flexibility

- CONSULTING
- NECROPSY
- HISTOLOGY
- IMAGING
- PATHOLOGY
- BIOREPOSITORY & ARCHIVING

Biomarker uncertainty must not slow your program down.

Unvalidated antibodies, inconsistent staining, or unreliable biomarker data can stall study timelines and undermine confidence in your efficacy and safety narrative right when clarity matters most.

StageBio's validated tissue biomarker services remove that risk. Our pathology-led team delivers expert IHC, ISH, and IF services backed by a library of 300+ validated biomarkers spanning oncology, neuroscience, inflammation, fibrosis, and vascular biology, ensuring your data is biologically meaningful, reproducible, and trusted by regulators.

Ask Our Experts

Have you faced challenges in...

- Sourcing or validating antibodies for a novel or first-in-class target?
- Confirming target expression and localization across complex tissue types?
- Getting biomarker results that hold up under regulatory review?

By integrating rigorous antibody validation, advanced multiplex staining, and quantitative digital pathology, we provide:

- Confirmed target engagement and mechanism of action
- Robust, reproducible biomarker endpoints
- Regulatory-ready data for IND and translational programs

The Result: Accelerated study timelines, de-risked transition to the clinic, and biomarker data that stands up to scrutiny.

Book a call with our scientific team!

Connect with a StageBio expert to discuss your study goals, timelines, and how we can deliver the quality data your project needs.

INFO@STAGEBIO.COM

Accelerate Your Program with Pathologist-Led Expertise

Comprehensive IHC, ISH & Multiplex IF: From Assay Development to Regulatory Submission

**Validated tissue biomarkers.
Pathologist-led interpretation. Regulatory-ready data.**

Immunohistochemistry (IHC)

- Core Applications
 - Target Engagement & Mechanism of Action
 - Cell-type Identification & Immune Profiling
 - Advanced & Multiplex IHC
- Assay Development
 - Antibody Clone Screening
 - Quantitative Digital Pathology
- Regulatory Support
 - GLP-Compliant Toxicologic Pathology
 - Board-Certified Pathologist Review
 - Proven IND/NDA Submission Support

In Situ Hybridization (ISH)

- Core Applications
 - RNA/DNA Detection in Tissue Sections
 - Gene Expression & Transgene Localization
 - Higher Specificity Than Many Protein Assays
- Platform Expertise
 - RNAscope, Basescope, & DNAscope
 - Chromogenic & Fluorescent ISH
- Integration & Compliance
 - Combined IHC + ISH + Digital Pathology
 - Control Selection & Probe Validation
 - GLP-Compliant ISH for Submissions

Multiplex Immunofluorescence (IF)

- Panel Capabilities
 - 2-8+ Target Multiplex IF Panels
 - Direct, Indirect & TSA-Based Amplification
 - Tailored Panel Design per Therapeutic Area
- Imaging & Analysis
 - High-Resolution Quantitative Imaging
 - Co-Localization & Spatialomics
 - Deep Immune Phenotyping
- Output & Publications
 - Target Modulation Assessment
 - Publication-Quality Figures

Request a meeting!

Accelerate and de-risk your IHC, ISH, or multiplex IF study today.



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[ANTIBODY BIOMARKER LIST](#)

[CASE STUDIES](#)