IHC/ISH Validation Checklist (HTL)

Change in fixative or retrieval requires:

- Parallel testing with known controls.

- Document pre-analytics: cold ischemia, start/stop times, fixative type/lot/pH.

- Optimize retrieval (buffer pH, time, temp) per marker; avoid over-retrieval.

- Assess morphology & background; quantify signal-to-noise.

- Update validation docs/SOPs; authorized sign-off.

- Consider on-slide controls for multiplex; check decalc effects.