

An Azenta-Abcam Joint Webinar

From bedside to data: Tips and tricks for clinical sample storage and biomarker discovery by IHC



30 March 2023 | Thursday
2.00 - 3.00pm SGT (GMT+08:00)

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Join us in this one-hour live webinar with co-host Abcam to learn about sample storage, sample preparation and troubleshooting in immunohistochemistry (IHC) experiments.

What you'll learn:

- Some of the commonly overlooked aspects in sample storage
- Best practices to adopt in managing and storing of your samples
- Essential IHC/ICC protocols and troubleshooting tips

Part 1 Best Practices for Biological Sample Storage

Storage of biological samples is a critical yet under-appreciated process. The lack of proper storage or cold-chain process can lead to inferior sample quality, resulting in high assay variation and inconclusive outcomes. Poor sample management can also cause the loss and mix-up of samples. Efforts to reconcile the bioinventory is often time-consuming and tedious. Sufficient technical knowledge and standardised operational procedures will mitigate these risks.



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Biobank Manager,
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Part 2 IHC: Principles, Protocol and Troubleshooting

IHC uses antibodies to detect the location of proteins and other antigens in tissue sections. The antibody-antigen interaction is visualized using either chromogenic detection with a colored enzyme substrate, or fluorescent detection with a fluorescent dye. IHC gives invaluable information about protein localisation, which is tremendously important for pathologists as diagnostic tools. A successful IHC experiment requires a robust, optimised, and reproducible staining regimen with high-quality, specific reagents.



Peter XING, PhD
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