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Version 2

🌐 Multiplexed Immunofluorescence Staining and Imaging of Fresh Frozen Tissue using Phenocycler Fusion 2.1.0 system V.2

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PhenoCycler-Fusion User Guide (Version 2.1.0) 2023 by Akoya Biosciences, Inc.

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We use this protocol and it's working

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Abstract

PhenoCycler User Guide for multiplex spatial proteomic detection on Fresh Frozen tissue sections

Troubleshooting

Pre-staining Procedure

- 1  PhenoCycler-Fusion User Guide_2....
Prepare Antibody Cocktail according to the corresponding section (page 35-36) of the *PhenoCycler-Fusion User Guide* (Version 2.1.0)
Prepare Buffer to pre-stain Fresh Frozen Tissue following the corresponding section (page 37) of the *PhenoCycler-Fusion User Guide* (Version 2.1.0)

Fresh Frozen Tissue Staining

- 2  PhenoCycler-Fusion User Guide_2....
Follow the procedure In "Fresh Frozen Tissue Staining" section (page 39-44) of the *PhenoCycler-Fusion User Guide* (Version 2.1.0).

CODEX FF Tissue Imaging

- 3  PhenoCycler-Fusion User Guide_2....
Apply the flowcell onto tissue slide (page 29-39)
Instrument set-up for PhenoCycler scan (page 57-71)

Protocol references

PhenoCycler-Fusion User Guide (Version 2.1.0) 2023 by Akoya Biosciences, Inc.