NaveniBright™ BOND RX HRP

ILLUMINATING FUNCTION IN SPATIAL PROTEOMICS

Automated detection of protein-protein interactions and post-translational modifications *in situ*

The NaveniBright BOND RX HRP introduces a novel product line, seamlessly integrating chromogenic readout automation on the BOND RX Fully Automated Research Stainer. This *in situ* kit is meticulously crafted based on our cutting-edge Naveni® *in situ* proximity ligation technology, offering flexibility tailored to your unique primary antibodies and targets.

NaveniBright BOND RX HRP enables you to:

- Detect protein-protein interactions, post-translational modifications, and/or specific protein targets efficiently using the BOND RX Fully Automated Research Stainer.
- Achieve high throughput and enhance your research efficiency and reproducibility through a seamlessly integrated automated workflow on the BOND RX Fully Automated Research Stainer.
- Save valuable time with the automated workflow, reducing hands-on time, and maximizing overall research productivity.

For additional information and images,
read more on navinci.se/technology/naveni-bond

In partnership with Leica Biosystems

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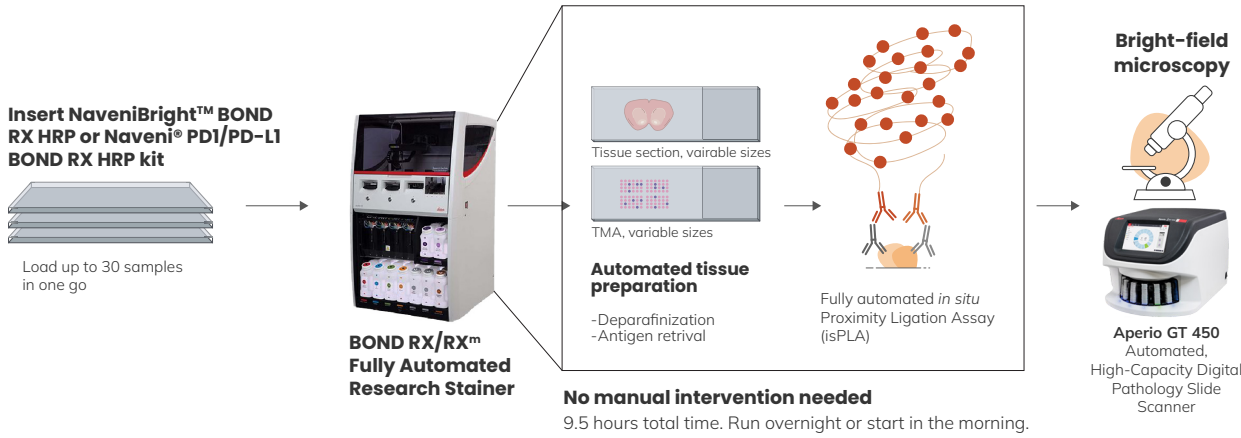
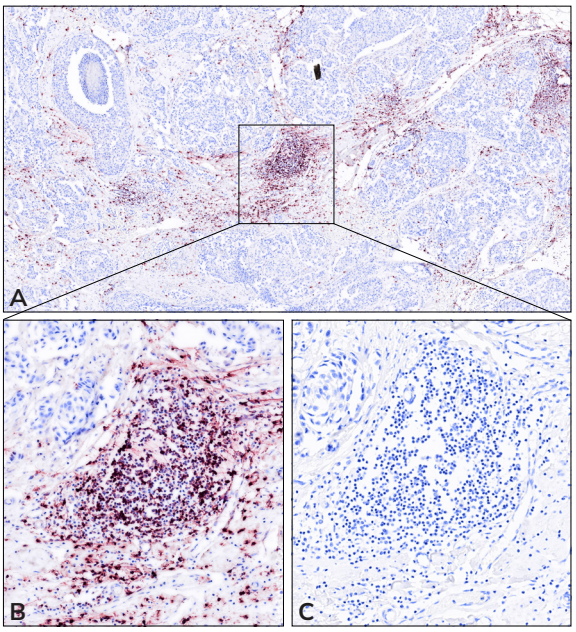
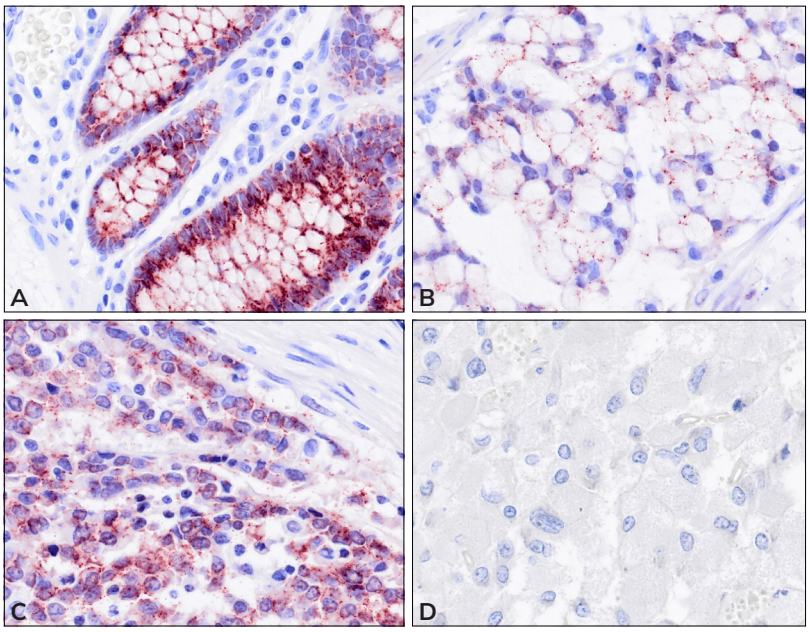


The NaveniBright BOND RX HRP kit includes two Navenibodies conjugated to proprietary oligo arms (depicted as orange antibodies in the illustration), directed to the primary antibodies with host origin of mouse and rabbit respectively. Only if the Navenibodies are in close proximity will they generate a rolling circle amplification reaction, leading to a strong and distinct dot.

The kit has undergone thorough verification, including a diverse range of FFPE tissues and five different interaction assays (PD1/PD-L1, CD8/MHC-I, Mesothelin/Mucin, E-Cadherin/Beta-Catenin and Zap70/Lat) and a dual recognition assay (HER2/HER2). The verification protocol entailed a thorough comparative analysis at three distinct research sites ensuring the establishment of robust performance characteristics across varied experimental settings.



Staining of CD8/MHC-I interaction in breast cancer using NaveniBright BOND RX HRP A) Zoom in, B) zoom out, C) technical negative control.



Staining of E-cadherin/Beta-catenin interaction in a TMA, A) Normal colon, B) Signet-ring cell carcinoma, C) Carcinoid tumor D) Adrenal gland (biological negative control) using NaveniBright BOND RX HRP.

Available from Navinci

Catalog nr	Kit	Target	Description
NA.PPI01.030.H	NaveniBright BOND RX HRP	Your choice, use primary antibodies with host origin of mouse and rabbit	Anti-mouse Navenibody Anti-rabbit Navenibody Buffers for blocking and dilutions and detection reagents Reagents sufficient for 30 FFPE tissue slides, including dead volumes*
NAB.MR.030.H	Naveni PD1/PD-L1 BOND RX HRP	Human PD1/PD-L1 interaction	Navenibody targeting human PD1 protein based on clone EH33 CST Navenibody targeting human PD-L1 protein based on clone SP142 Abcam RabMAb® Buffers for blocking and dilutions and detection reagents for the PD1/PD-L1 interaction signal Reagents sufficient for 30 FFPE tissue slides, including dead volumes*

*additional reagents required, read more on navinci.se/technology/naveni-bond
Research use only, not for use in diagnostic procedures

Leica BIOSYSTEMS In partnership with Leica Biosystems

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