NaveniBright™

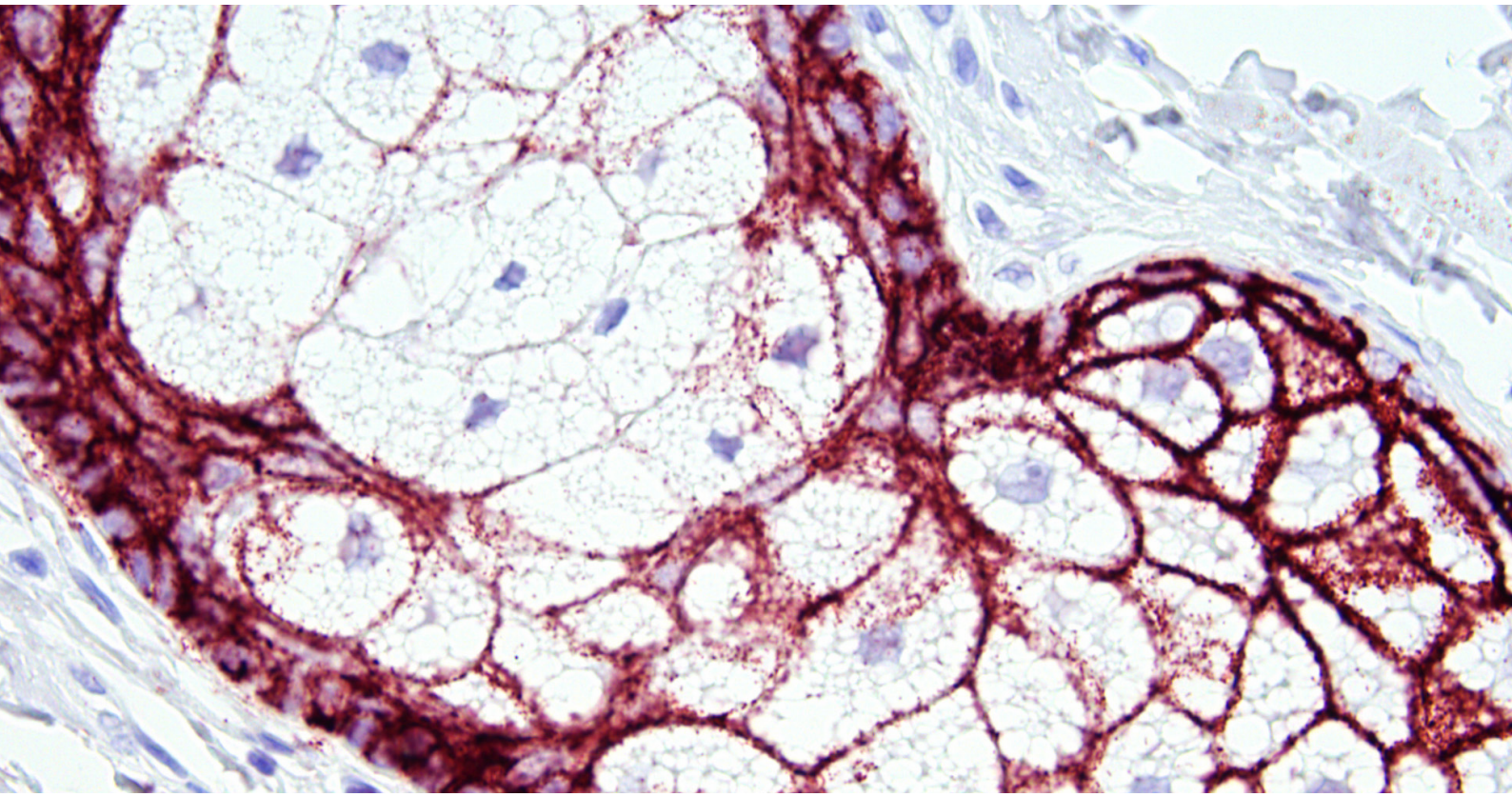
ILLUMINATING FUNCTION IN SPATIAL PROTEOMICS

In situ detection of protein-protein interactions and post-translational modifications

The NaveniBright is a new Naveni® product line with chromogenic readout. The *in situ* kits are based on our Naveni® *in situ* proximity ligation technology. The assay significantly enhances the chromogenic signal, providing you with stronger and more accurate staining of your cell or tissue samples.

NaveniBright™ enables you to:

- Detect protein-protein interactions
- Study post-translational modifications
- Identify single proteins with high specificity and sensitivity
- Visualize the protein target with intact cell/tissue morphology



Protein-interaction between E-cadherin and β-catenin in sebaceous gland.

Compatible with established *in situ* workflows

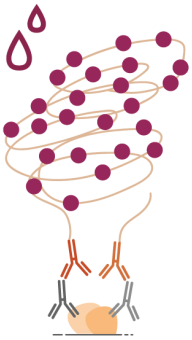
NaveniBright is a secondary detection system to be used with your primary antibodies. The method does not require specialized instrumentation and is compatible with established *in situ* workflows.

FOR MORE INFORMATION OR TO PLACE AN ORDER, VISIT WWW.NAVINCI.SE/PRODUCTS
Email: contact@navinci.se

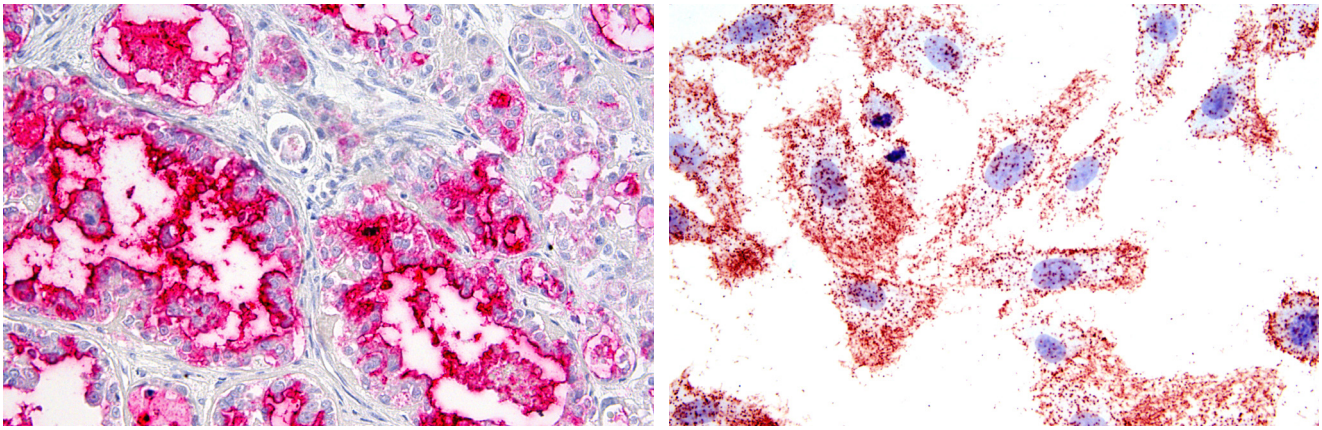
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Uppsala March 6, 2024

The NaveniBright kit includes two Navenibodies conjugated to proprietary oligo arms (depicted as orange antibodies in the illustration to the right). 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 is optimized for use with a mouse and rabbit primary antibody pair. Buffers and detection reagents are included; choose AP or HRP version according to your preferences. The kits have been tested in FFPE tissue and cell pellets, and formaldehyde /formalin-fixed cells.



Visualization of interaction between Mucin (MUC16) and Mesothelin in ovary tissue using NaveniBright AP (left) and Phosphorylated PDGFR-beta in stimulated Bj hTERT cells using NaveniBright HRP (right).

Ordering information

NaveniBright	Code	Read out	Primary antibodies required
NaveniBright AP	NB.MR.AP.100	Brightfield and fluorescence	Mouse & Rabbit
NaveniBright HRP	NB.MR.HRP.100	Fluorescence	Mouse & Rabbit

NaveniFlex Tissue	Code	Read out	Primary antibodies required
NaveniFlex Tissue MR Red/Atto647N	NT.MR.100 Red/Atto647N	Fluorescence	Mouse & Rabbit
NaveniFlex Tissue GR Red/Atto647N	NT.GR.100 Red/Atto647N	Fluorescence	Goat & Rabbit
NaveniFlex Tissue GM Red/Atto647N	NT.GM.100 Red/Atto647N	Fluorescence	Goat & Mouse
Naveni Control Kit	NF.CK.MR		Primary abs included

Kit size: 4 ml working solution

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