

NaveniBright™

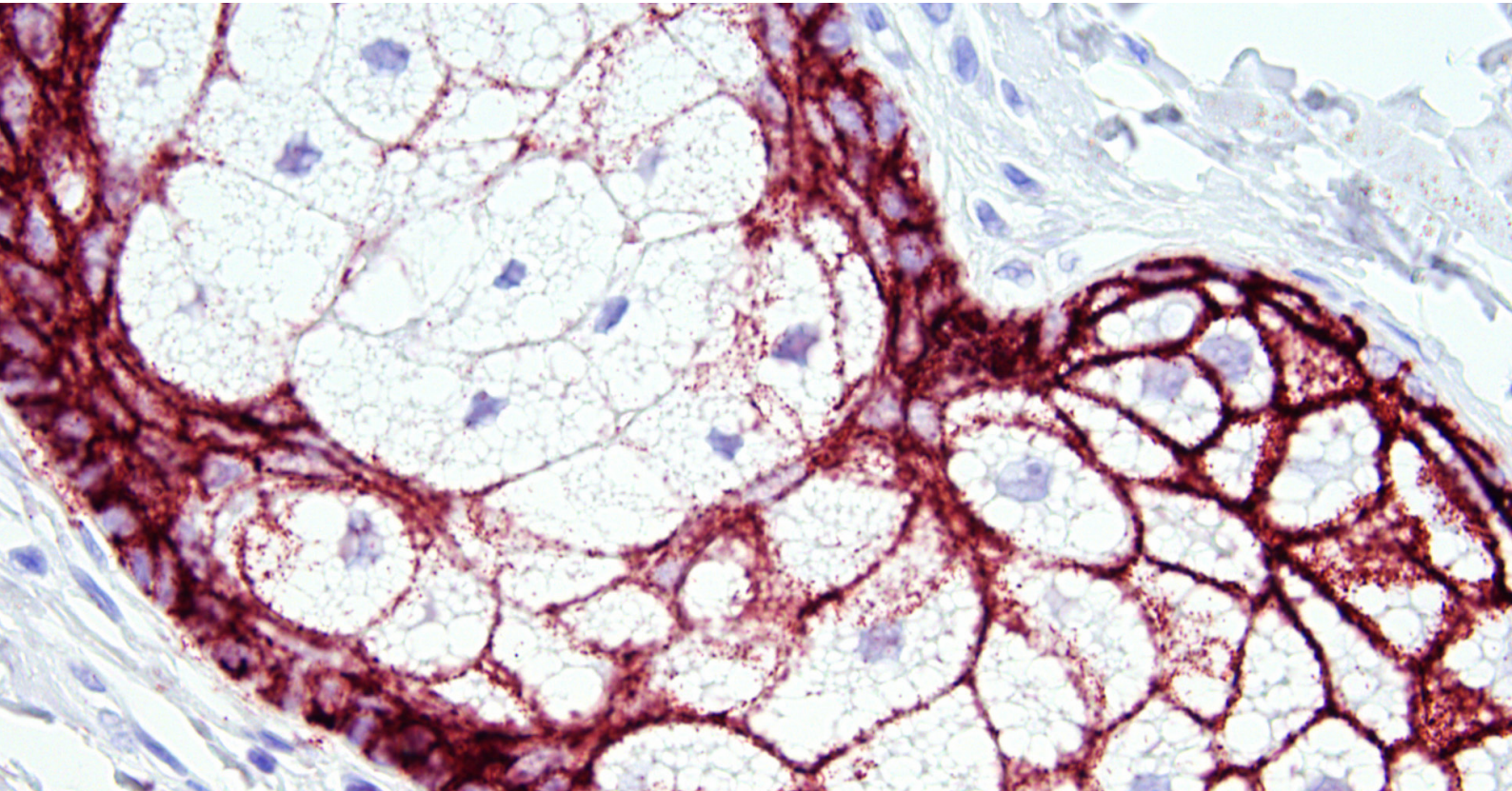
BRINGING PRECISION TO SPATIAL PROTEOMICS

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™ 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 & sensitivity
- Visualize the protein target with intact cell/tissue morphology



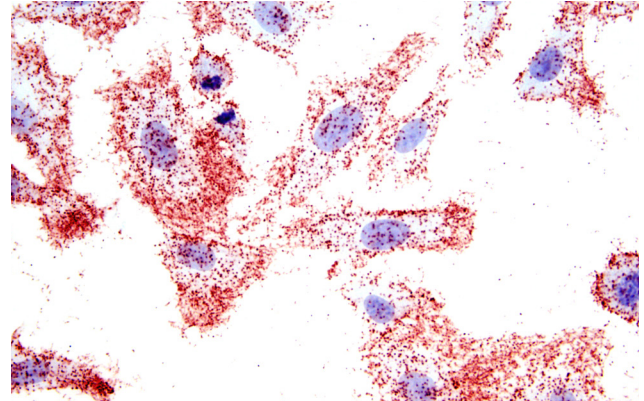
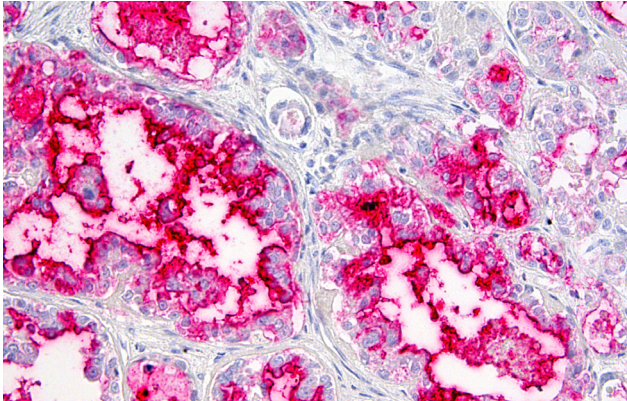
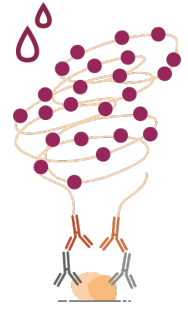
Protein-interaction between E-cadherin and β -catenin in sebaceous gland.

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.

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

Product	Code	Read out	Primary antibodies needed
NaveniBright HRP	NB.MR.HRP.100	Brightfield	Mouse & Rabbit

NaveniFlex

NaveniFlex MR	NF.MR.100	Fluorescence	Mouse & Rabbit
NaveniFlex GR	NF.GR.100	Fluorescence	Goat & Rabbit
NaveniFlex GM	NF.GM.100	Fluorescence	Goat & Mouse
NaveniFlex MM	NF.MM.100	Fluorescence	Mouse
NaveniFlex RR	NF.RR.100	Fluorescence	Rabbit
Naveni Control kit	FR.CK.100	Fluorescence	Primary abs included

Kit size is 4mL working solution