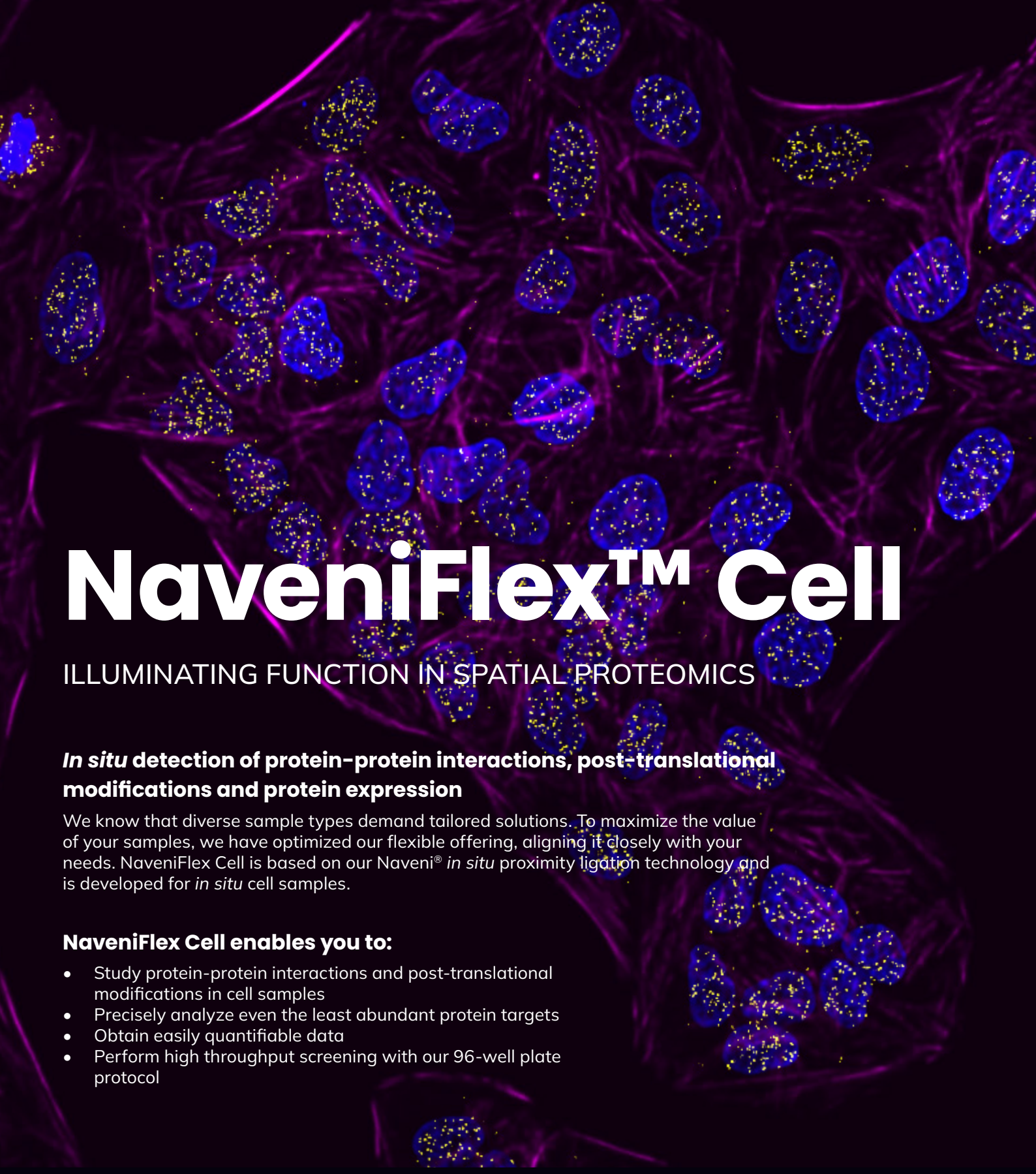


NaveniFlex™ Cell

ILLUMINATING FUNCTION IN SPATIAL PROTEOMICS

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

We know that diverse sample types demand tailored solutions. To maximize the value of your samples, we have optimized our flexible offering, aligning it closely with your needs. NaveniFlex Cell is based on our Naveni® *in situ* proximity ligation technology and is developed for *in situ* cell samples.

NaveniFlex Cell enables you to:

- Study protein-protein interactions and post-translational modifications in cell samples
- Precisely analyze even the least abundant protein targets
- Obtain easily quantifiable data
- Perform high throughput screening with our 96-well plate protocol

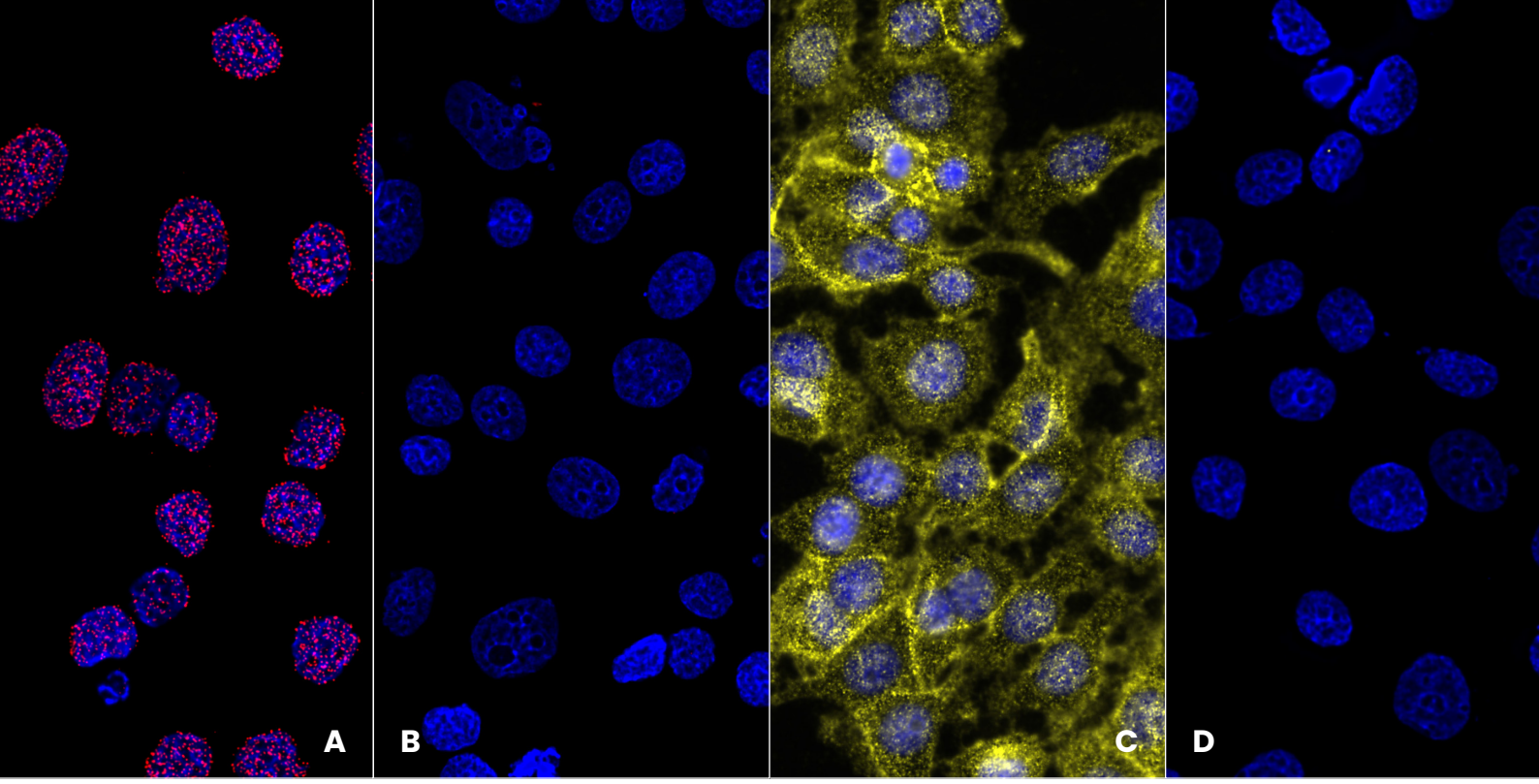
Compatible with established *in situ* workflows

NaveniFlex Cell serves as a secondary detection system that seamlessly integrates with your existing *in situ* workflows. It eliminates the need for specialized instrumentation, making the process hassle-free. Moreover, digital quantification provides easily comparable data.

For more information or to place an order, visit www.navinci.se/products
Email: contact@navinci.se

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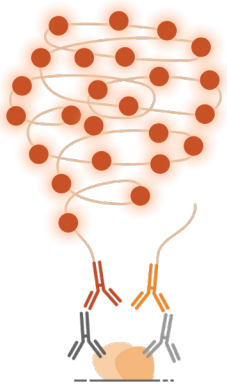
Version 1.0 DOC-0056



Detection of protein-protein interactions in MCF7 cells using NaveniFlex Cell. A) shows Histone H3/Lamin B1 interaction using detection with Red, and B) shows the technical negative control. C) shows E-Cadherin/B-catenin interaction using detection with Atto647N, and D) shows the corresponding technical negative control.

How it works

The NaveniFlex Cell kit includes two Navenibodies conjugated to proprietary oligo arms (depicted as orange antibodies in the illustration to the right). Only when the Navenibodies are in close proximity will they generate a rolling circle amplification reaction, resulting in a strong and distinct signal that is easily quantifiable.



The assay is available in a mouse-rabbit version with Red or Atto647N as detection reagent choices. If you need other primary antibody combinations, we recommend NaveniLink, a kit for conjugating your own primary antibodies. NaveniFlex Cell is validated on FFPE and fresh formaldehyde-fixed cells (MCF7 and BT474), and recommended for FFPE and fresh formaldehyde-fixed cells. For tissue samples, we recommend using our NaveniFlex Tissue kit.

Ordering information

Product	Code	Read out	Primary antibodies required
NaveniFlex Cell Red/Atto647N	60025 Red 60017 Atto647N	Fluorescence	Mouse & Rabbit
Naveni Control Kit	60029		Primary abs included
NaveniFlex Tissue Red/Atto647N	60027 Red 60026 Atto647N	Fluorescence	Mouse & Rabbit
Kit size: 4 ml working solution. For research use only.			
NaveniLink	60028	For conjugation of primary antibodies (50 µg)	

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For product-specific images on different tissues and more info, visit our web.
Email: contact@navinci.se