

Product Advancement:

Elevate Your Research With the Optimized NaveniFlex™ Cell and NaveniFlex™ Tissue Kits

We know that diverse sample types demand tailored solutions. To maximize the value of your samples, we have refined and optimized our flexible offering, aligning it closely with your needs. NaveniFlex™ Cell is a new product line that builds upon the strong foundation of our NaveniFlex technology. This cutting-edge kit is meticulously fine-tuned for *in situ* cell analysis, and delivers enhanced signal strength and a more streamlined process including a 96-well plates protocol.

Whether detecting protein-protein interactions, post-translational modifications, or low-abundance proteins within cells, NaveniFlex Cell stands as your ultimate solution. Offering flexibility, it is compatible with primary antibodies from mouse-rabbit, goat-rabbit, and goat-mouse sources. For those focusing on tissue samples, our NaveniFlex Tissue assay offers another optimized product line, specifically tailored for tissue-based studies.

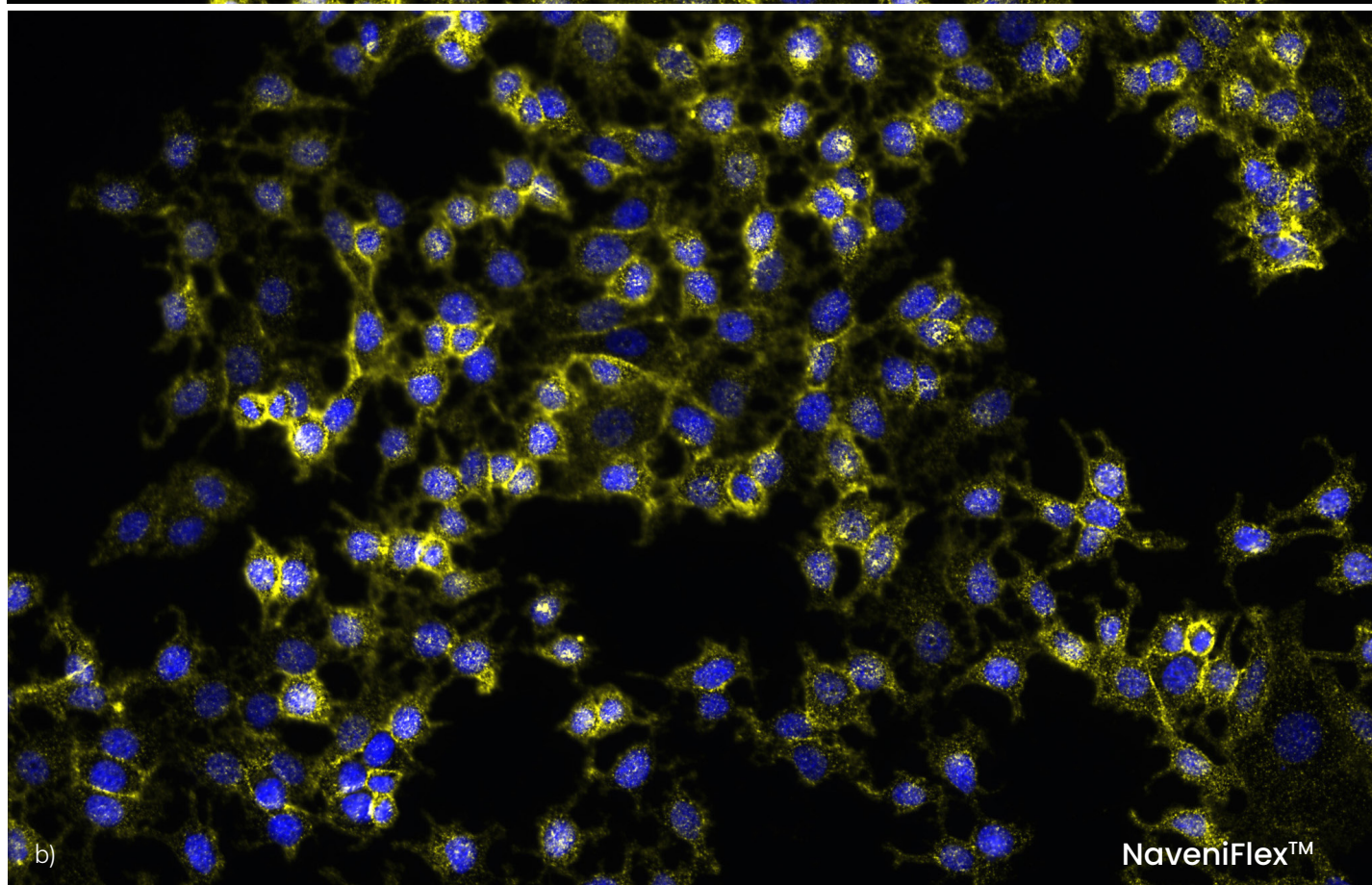
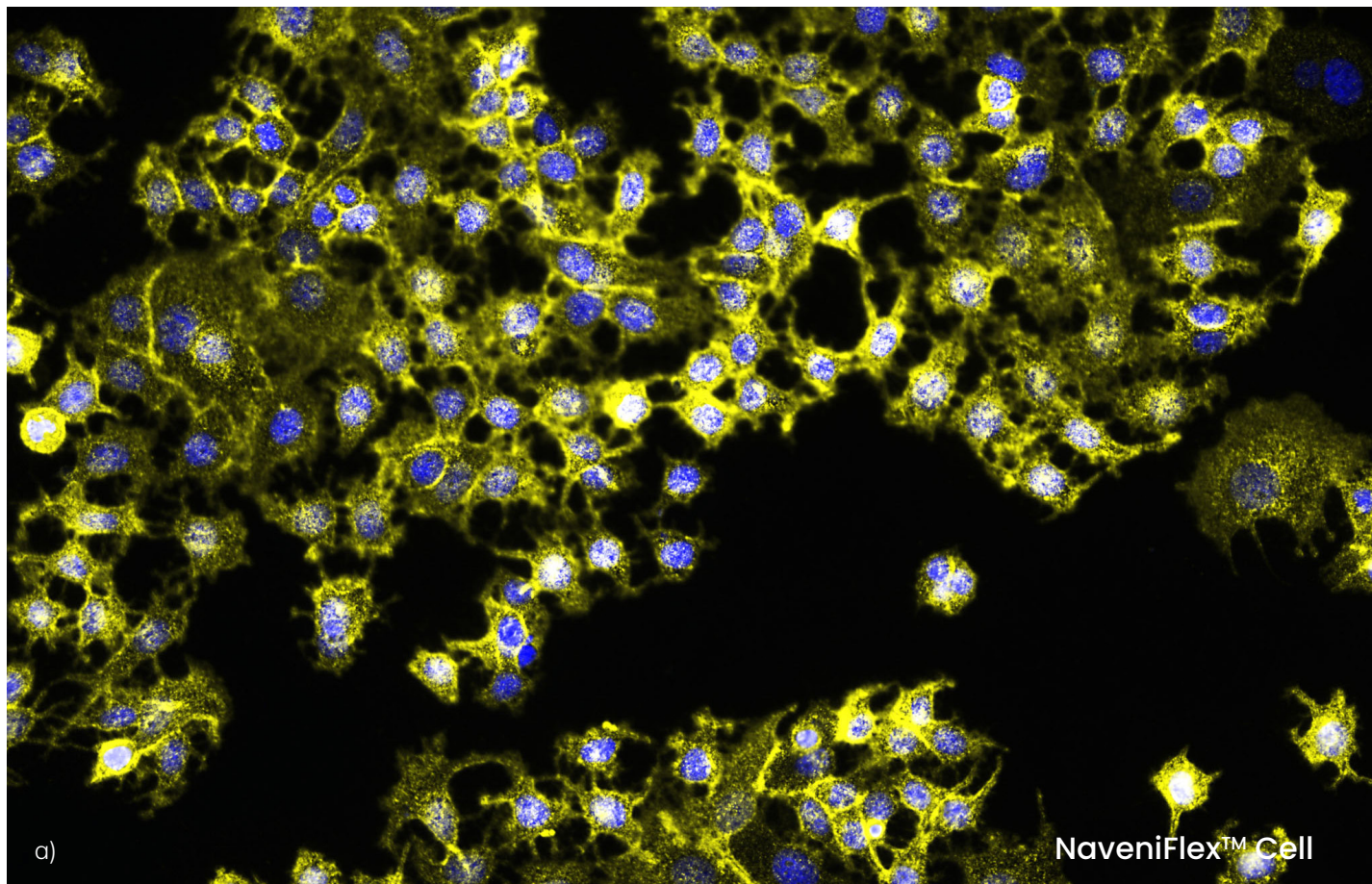
The refined product lines of NaveniFlex Cell and Tissue will replace the original NaveniFlex kits, ensuring your experiments are primed for success. Transitioning to NaveniFlex Cell or Tissue is effortless, aided by our comprehensive FAQs, and should you require additional guidance, our dedicated team is available to answer your questions.

Why NaveniFlex Cell?

- Optimization for cell samples, including a protocol for 96-well plates
- Enhanced signal strength
- Streamlined protocol – 1 hour 15 minutes shorter

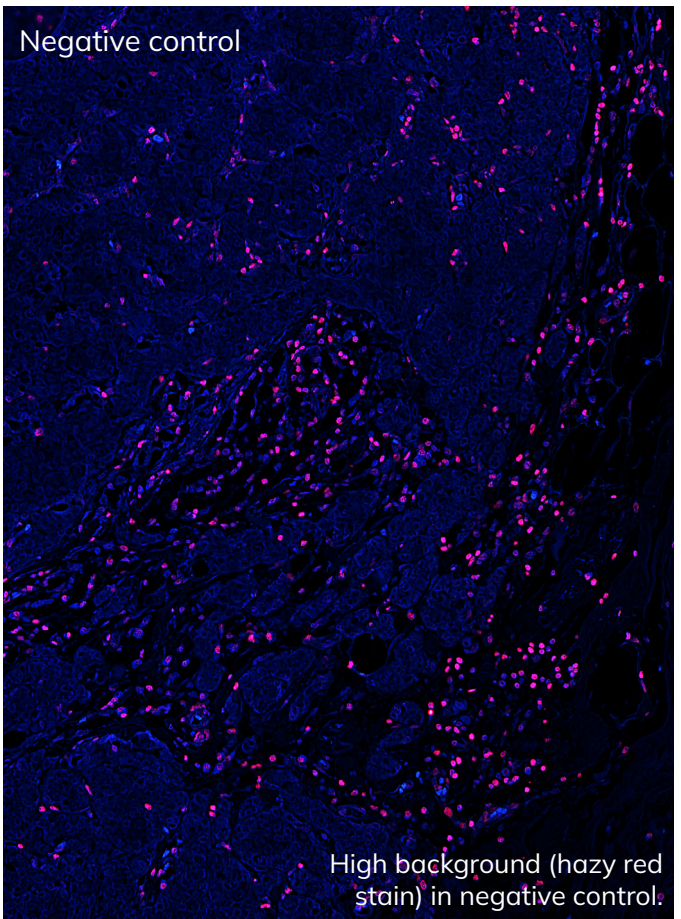
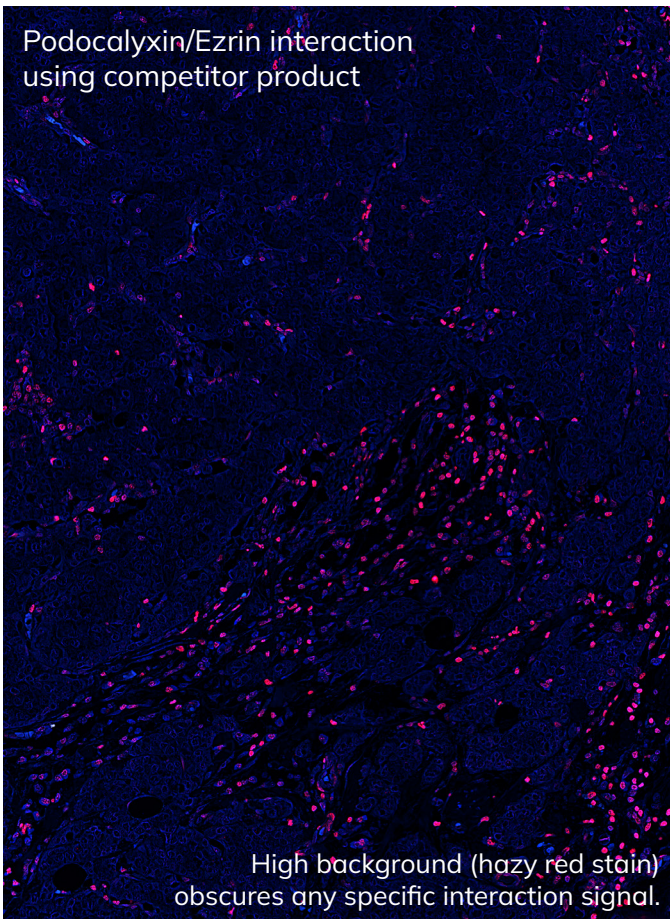
Why NaveniFlex Tissue?

- Optimization for tissue samples
- Unveil signals otherwise obscured by background noise
- Detect protein interplay in complex multicellular structures

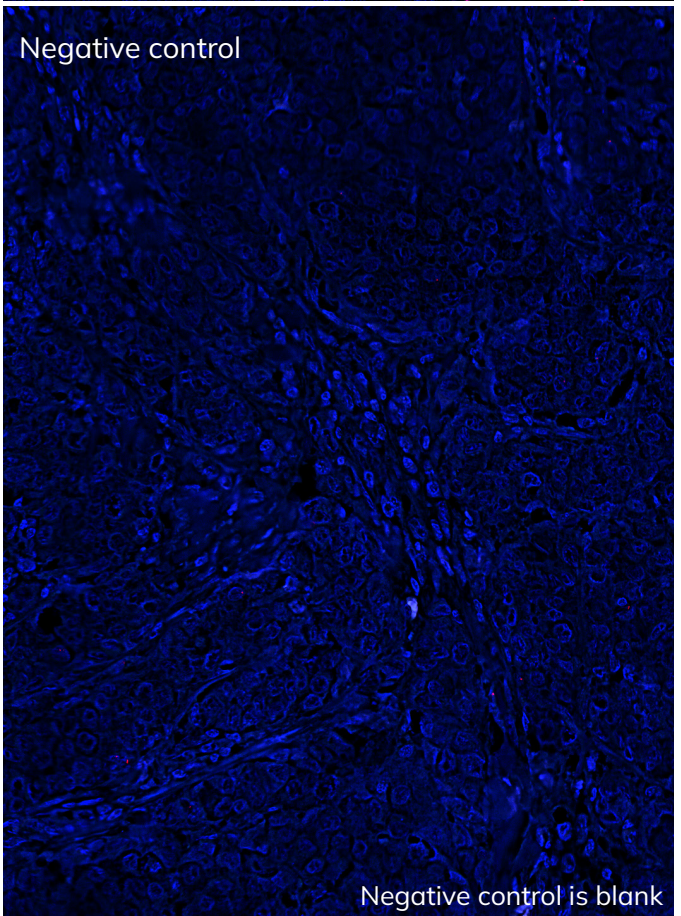
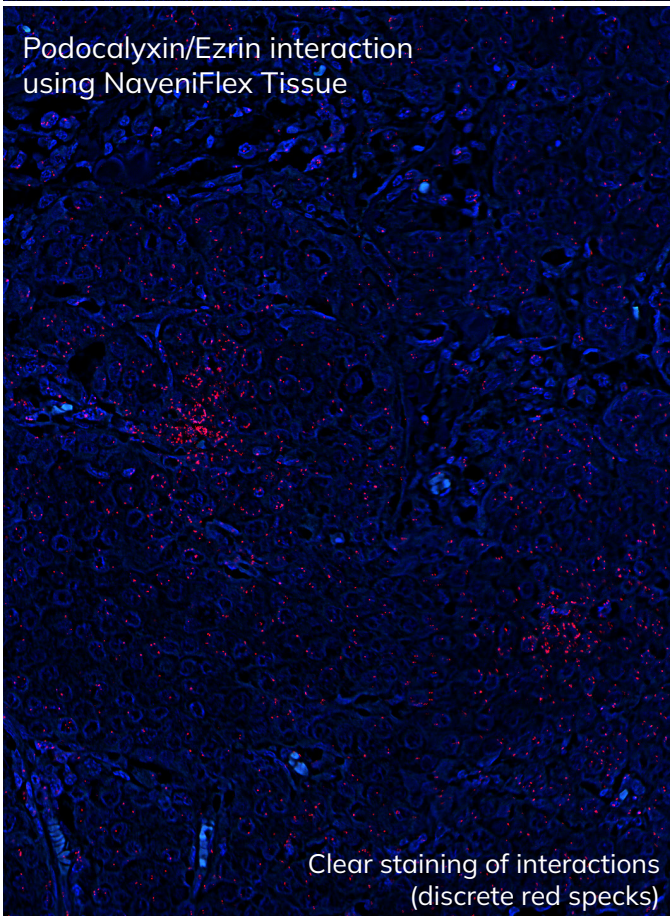


Comparison between the new NaveniFlex Cell assay and the previous version of NaveniFlex. The interaction of E-Cadherin/B-catenin was detected in MCF7 cells. Image **a)** shows the optimized NaveniFlex Cell MR Atto647N in use, while in **b)** NaveniFlex MR Atto647N is used. The signals are comparable, but the optimized NaveniFlex Cell produces more intense results.

The problem



The solution



Tissues are complex multicellular structures where fluorescently labeled detection reagents have been observed to bind unspecifically. To address this unspecific binding, we have developed a new proprietary solution for fluorescent detection of protein-protein interactions (PPI) and post-translational modifications (PTM) in FFPE and frozen human and mouse tissues. Now you can generate and visualize signals that would otherwise be obscured by background, thereby greatly increasing sensitivity of detection. Learn more about how NaveniFlex Tissue solves background problems [here](#).

Product Guide Naveni® Flexible Products

NaveniFlex Cell and Tissue kits are compatible with primary antibodies from mouse-rabbit, goat-rabbit, and goat-mouse sources. If you need other primary antibody combinations, we recommend NaveniLink, a kit to conjugate your own primary antibodies.

Protein modifications	Protein-protein interactions	Precise protein localization
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Bright-field read out



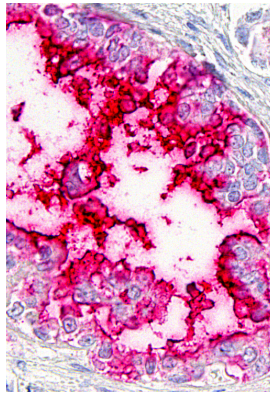
Fluorescent read out



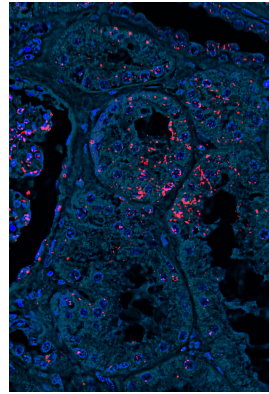
TMA, variable sizes



Tissue section, variable sizes



NaveniBright



NaveniFlex Tissue

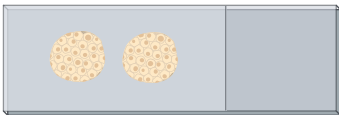


Bright-field read out

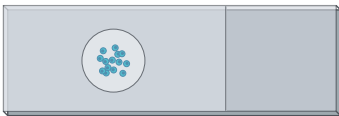


Fluorescent read out

Protein interaction + interacting proteins



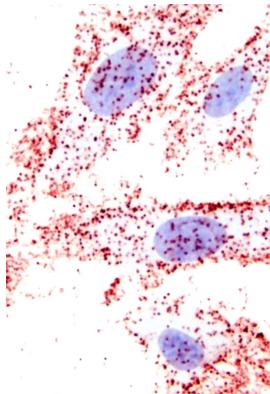
Cell pellets



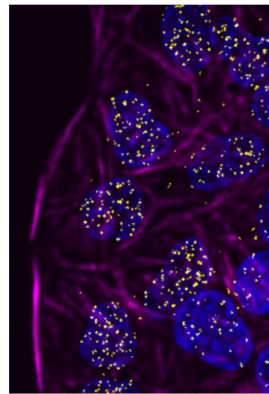
Cytospin



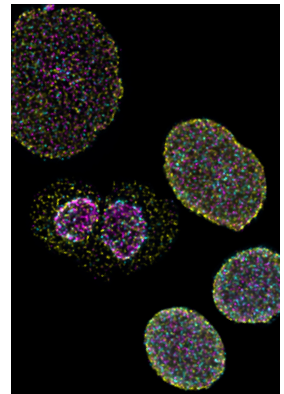
Adherent cells 8-well slide



NaveniBright



NaveniFlex Cell



NaveniTriflex Cell



Expert opinions

We have run NaveniFlex Cell on our Human primary myoblasts for studies of protein-protein interactions. It's a very good tool that we hope to be able to use extensively in the future.

William Apro, Associate professor at the Swedish School of Sport and Health Sciences. Stockholm, Sverige

We tested the new NaveniFlex Cell kit you sent us and the SIRF spots are much clearer. The kit works very well, in fact we have to decrease the usual concentration of primary antibodies. We are very satisfied so we prefer to continue with this kit.

Francesca Aiello, Scientist at Istituto Superiore di Sanità, Roma Italy



Visit navinci.se for the latest updates; we have ready-to-ship kits available.

