

NaveniFlex™

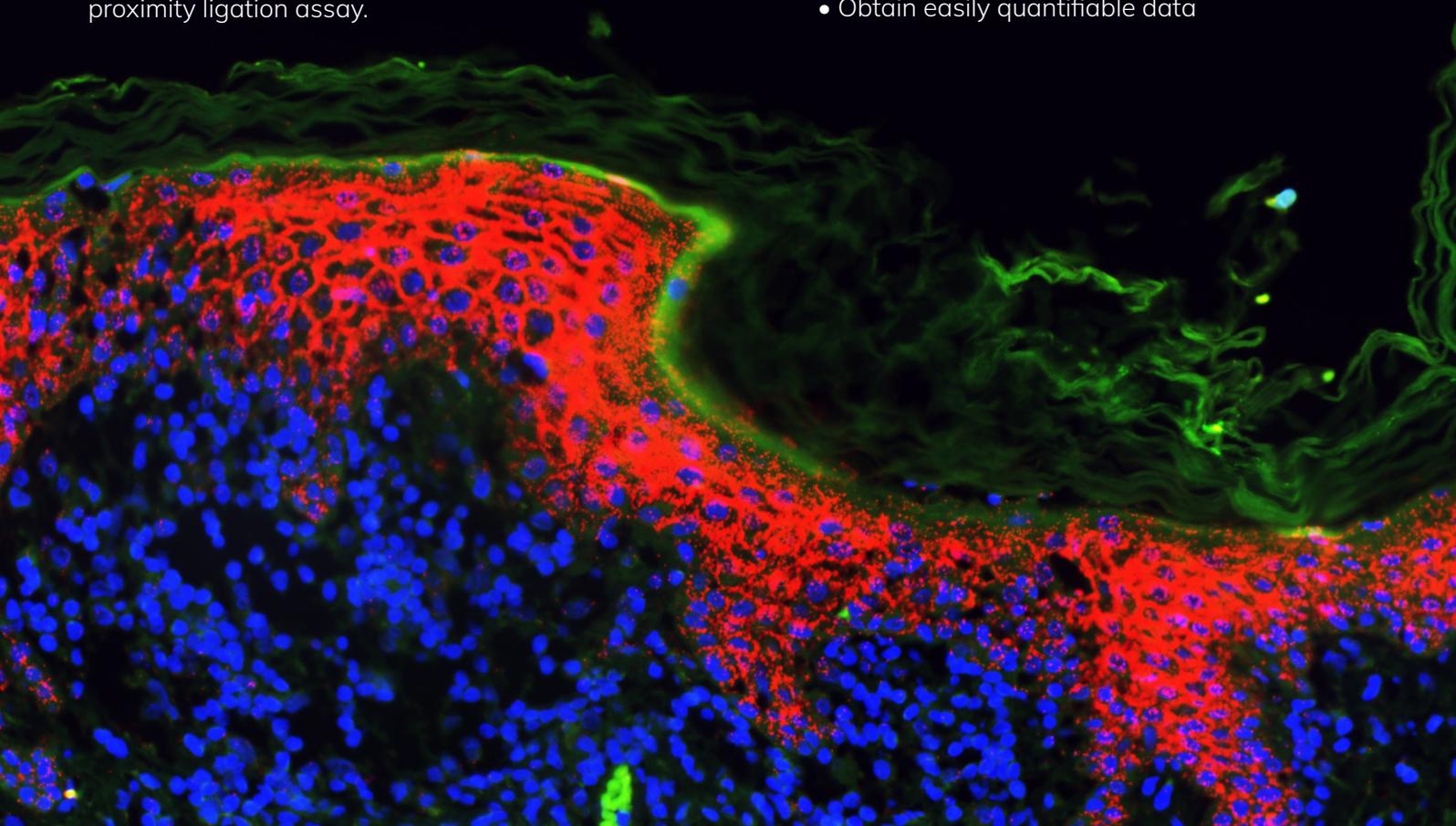
BRINGING PRECISION TO SPATIAL PROTEOMICS

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

Maximize information from every analysis by localizing and quantifying proteins, their interactions, and modifications *in situ* at the molecular level. With NaveniFlex, you have the flexibility of choosing your own primary antibodies to use in the Naveni™ proximity ligation assay.

NaveniFlex™ enables you to:

- Detect protein-protein interactions
- Study post-translational modifications
- Identify single proteins with high specificity & sensitivity
- Analyze very low abundant protein targets
- Obtain easily quantifiable data



Protein-interaction between E-cadherin and β -catenin in melanoma

Compatible with established *in situ* workflows

NaveniFlex is a secondary detection system to be used with your own primary antibodies. The method does not require specialized instrumentation and is compatible with established *in situ* workflows. Moreover, digital quantification provides easily comparable data.

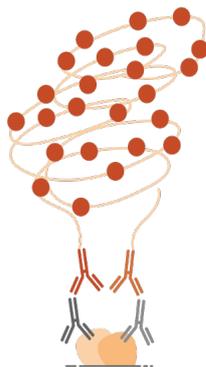
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Email: contact@navinci.se

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

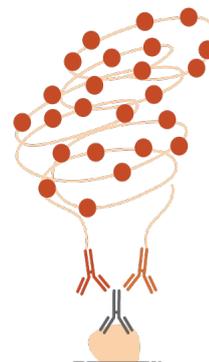
Five assay versions are available; selection depends on the primary IgG host species. Buffers and detection reagents are included with three fluorophore alternatives (Atto488, TEX615, and Atto647N). The kits have been validated in FFPE- tissue and -cells and fresh-fixed (PFA and ethanol) cells.

NaveniFlex™ MR, GR or GM



Detect proximity between Mouse/Rabbit, Goat/Rabbit, or Goat/Mouse primary antibody pairs

NaveniFlex™ MM or RR



Detect single Mouse or single Rabbit primary antibodies

Ordering information

NaveniFlex	Product	Code	Read out	Primary antibodies required
	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 (for NaveniFlex MR)	FR.CK.100	Fluorescence	Primary abs included

NaveniBright

	NaveniBright AP	NB.MR.AP.100	Brightfield and Fluorescence	Mouse & Rabbit
	NaveniBright HRP	NB.MR.HRP.100	Brightfield	Mouse & Rabbit

Kit size is 4mL working solution



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