SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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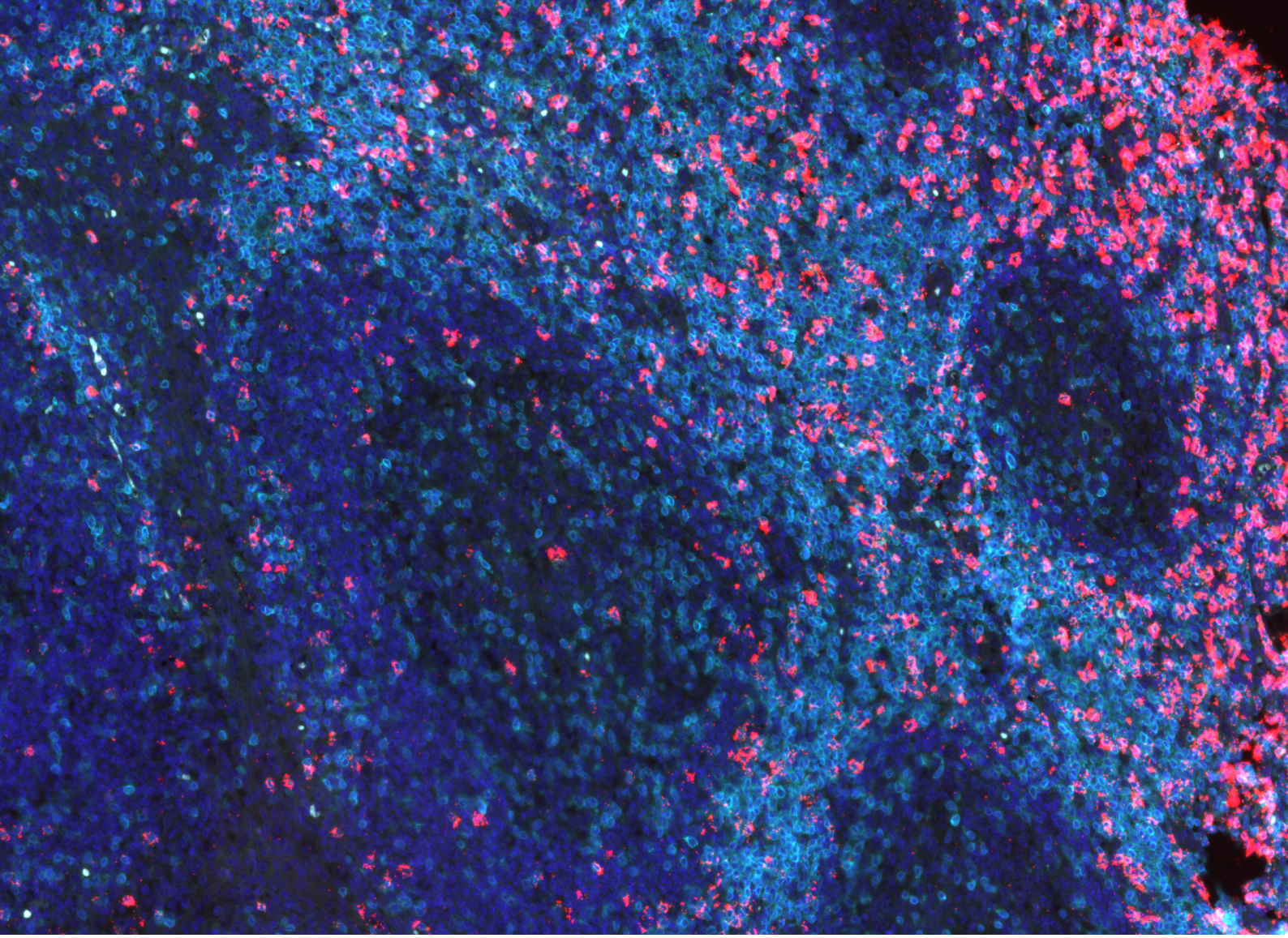


Naveni® CD8/MHC-I Atto647N

ILLUMINATING FUNCTION IN SPATIAL PROTEOMICS

Navigate immune responses with the *in situ* assay kit Naveni® CD8/MHC-I

Dive into the secrets of immune responses with our *in situ* proximity ligation assay for the detection of CD8/MHC-I interactions, providing a nuanced perspective for a detailed and accurate portrayal of the immune response. This deeper understanding becomes the cornerstone for developing targeted immunotherapies, marking a potential leap forward in precision medicine for cancer treatment.

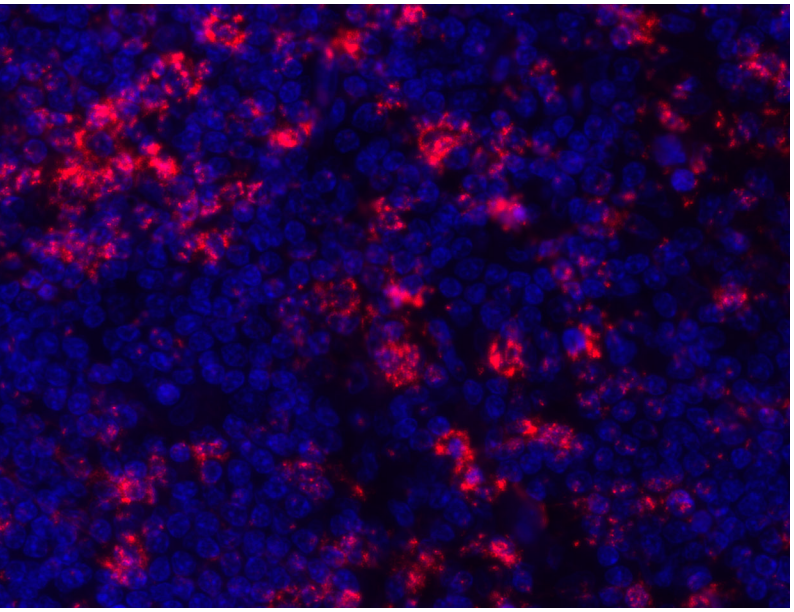
Navinci has now developed the first commercial *in situ* proximity ligation assay for the specific detection of CD8/MHC-I interactions.

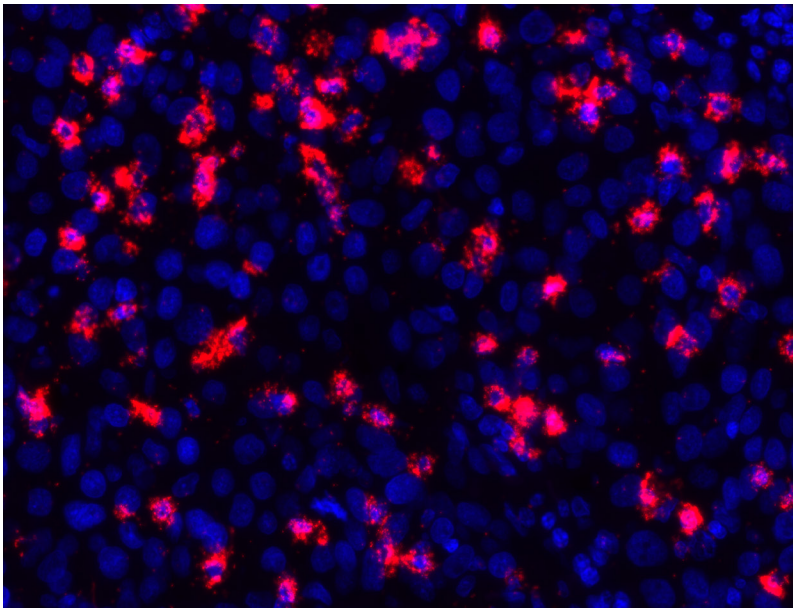
Naveni® CD8/MHC-I enables you to:

- Detect the specific interaction of CD8/MHC-I using dual recognition
- Identify interactions of low abundant CD8/MHC-I
- Visualize CD8/MHC-I in a tissue microenvironment
- Increase the understanding of CD8/MHC-I signaling pathways
- Navigate the adaptive immune system and the activation of the CD8+ TCR

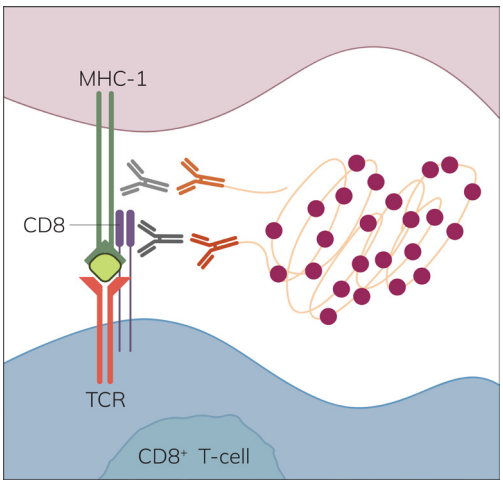
Image: CD8/MHC-I interaction in human tonsil tissue, interaction seen in red detected with CD8/MHC-I Atto647N, co-staining with CD3 (cyan) and nuclear staining (DAPI)

Navinci





CD8/MHC-I interaction in Hodgkin's lymphoma and Hepatocellular Carcinoma, interaction detected using Naveni® CD8/MHC-I Atto647N.



The interaction of MHC-I on a cell target with a CD8+ T-cell. CD8 is a co-receptor on the T-cell surface that is associated with the T-Cell Receptor-MHC-I interaction. The Naveni® CD8/MHC-I kit is based on our proprietary Naveni® *in situ* proximity ligation technology. The kit includes two primary antibodies of mouse anti-MHC-I and rabbit anti-CD8, respectively, and two species specific Navenibodies conjugated to proprietary oligo arms (depicted as orange antibodies). Only if the Navenibodies are in close proximity will they generate a rolling circle amplification reaction, leading to a strong and distinct signal.

Ordering information

Product	Code	Read out	Primary antibodies required
Naveni CD8/MHC-I Atto647N	PPI.TCR01.FR.100	Fluorescence	Primary included
Naveni PD1/PD-L1 Atto647N	PPI.PDL1.FR.100	Brightfield and fluorescence	Primary included
NaveniFlex Tissue MR Red/Atto647N	NT.MR.100 Red/Atto647N	Fluorescence	Mouse & Rabbit
NaveniBright HRP/AP	NB.MR.HRP/AP.100	Brightfield	Mouse & Rabbit

Kit size: 4ml working solution.
For research use only. Not for use in diagnostic procedures.

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