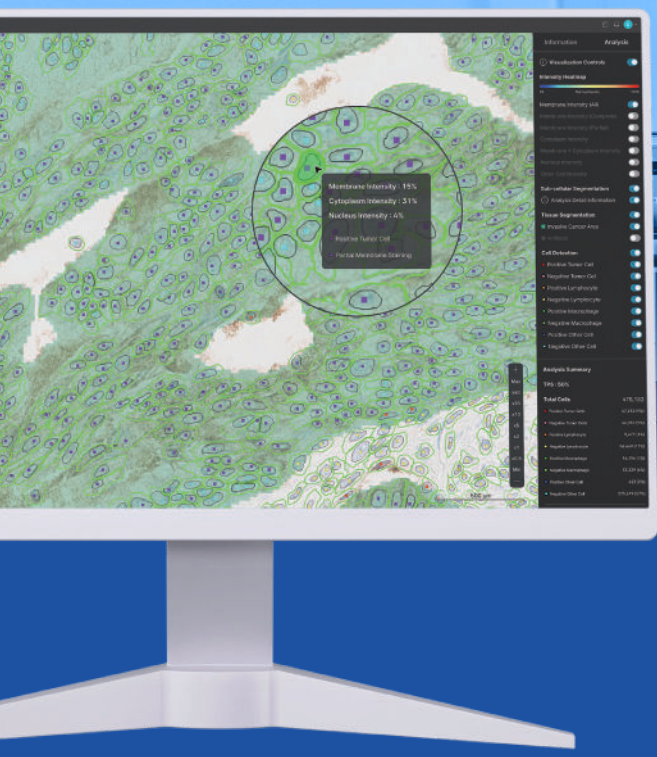


For Research Use Only
Not for use in diagnostic procedure or decisions

Lunit SCOPE® uIHC

Universal Immunohistochemistry Quantification

Advance your IHC biomarker strategy with digital pathology X AI analysis

Applications

CDx development for next-gen IHC biomarkers

Drug target insights with high membrane and tumor specificity

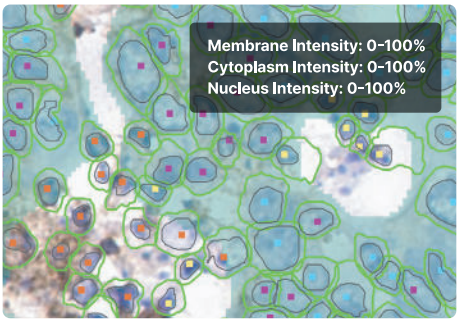
Advanced and efficient IHC biomarker analysis for translational research

Description

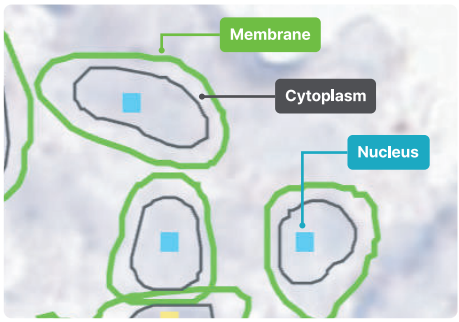
- Artificial Intelligence (AI)-based digital pathology image analysis software
- Access any target across multiple cancer types
- Trained and tuned on broad dataset:
  → Over 6k WSIs
  → 18 types of IHC stains
  → Various cancers with more than 20 primary origins

Features

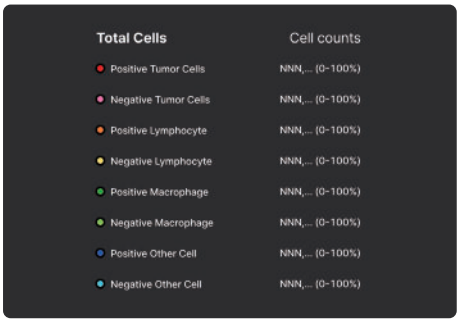
Continuous staining intensity quantification (0-100%) for each cell and location



Subcellular localization of target expression (membrane, cytoplasm, nucleus)



Cell type identification: Tumor cell, Lymphocyte, Macrophage, and Other Cell



 oncology@lunit.io

Lunit®

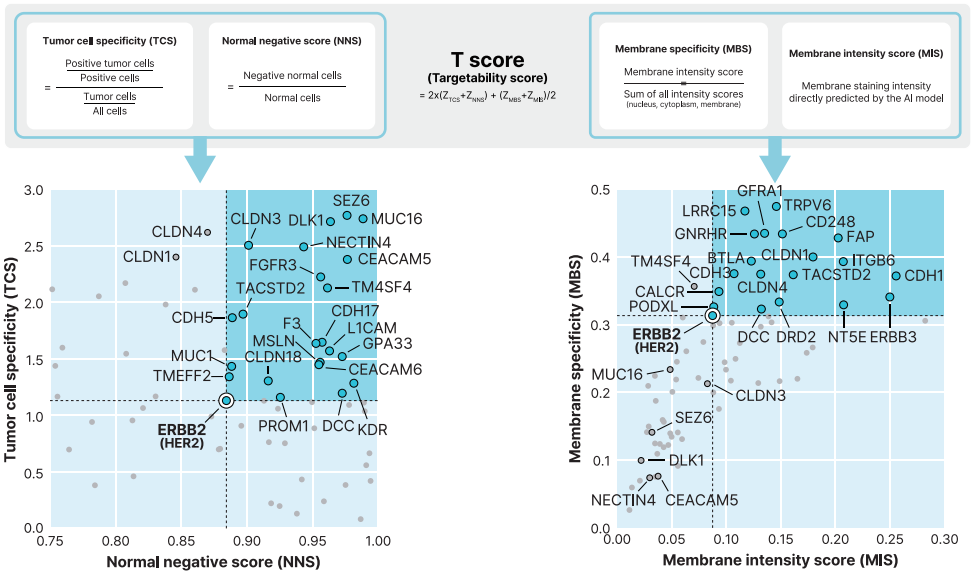
Pioneering AI-Driven Biomarker Strategy Across Drug Development Phases

CDx development for next-gen IHC biomarkers

- **Subcellular localization** (Nucleus, Cytoplasm, Membrane)
- **Continuous scoring** (0-100%)
- **Distance / margin analysis**
- **Spatial proximity**
- **H-score or TPS / CPS**
- **Ultra-low detection**

→ **Develop innovative biomarkers, scoring, and cut-offs customized for your drug's MoA**

Drug target discovery



ASCO 2025 Artificial Intelligence(AI)-powered evaluation of protein drug-targetability through subcellular-level expression profiling from immunohistochemistry (IHC) images

Advanced and efficient IHC biomarker analysis for translational research

Lunit SCOPE uIHC analysis examples	Example targets (non-exhaustive)	
	Staining (Antibodies)	TPS classification performance (accuracy)
Subcellular target expression pattern	TROP2	94%
Target prevalence	MET	96%
Intratumoral heterogeneity of target expression	Claudin 18.2	94%
Spatial distribution of targets	DLL3	100%
Detection of ultra-low expression	HER3	94%
Multiplex IHC / IF or monoplex	FGFR2	81%
Precise determination of cut-off	E-Cadherin	90%
Cell type identification	and many more targets	...
... and more		

Reference: data on file

Versatility and end-to-end CDx capabilities

Pan-tumor application
- IHC trained, tuned, and validated across broad tissue types

Scanner compatibility
- Compatible file types include Leica (.svs), Philips (.iSyntax, .tiff), 3D Histech (.mrxs), Hamamatsu (.ndpi) and other scanners at x40 magnification

Regulatory & QMS track record
- 3 Lunit SaMDs registered globally
- ISO 13485, US FDA 21 CFR Part 820, MDSAP

Scalable deployment
- Digital pathology platforms & CRO partners
- Global commercial footprint

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