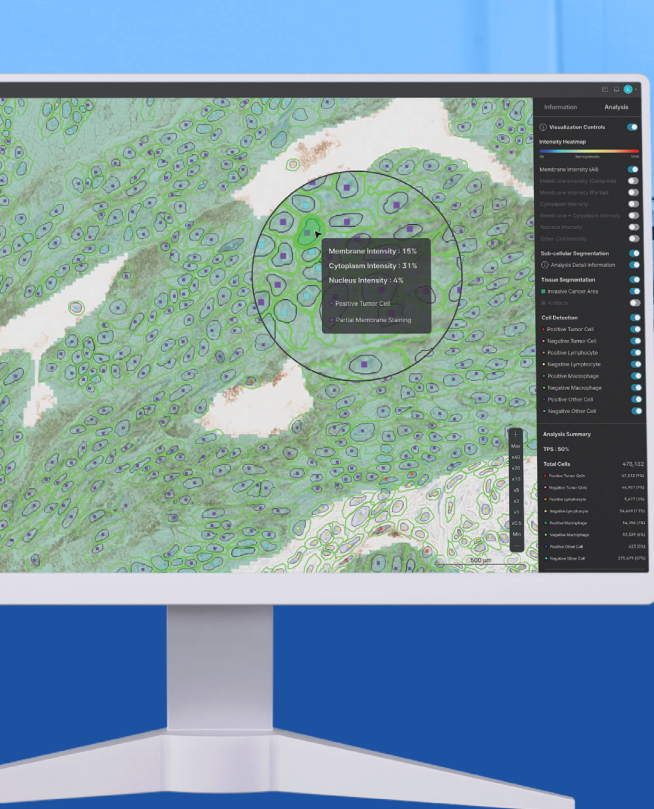




For Research Use Only
Not for use in diagnostic procedure or decisions

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**

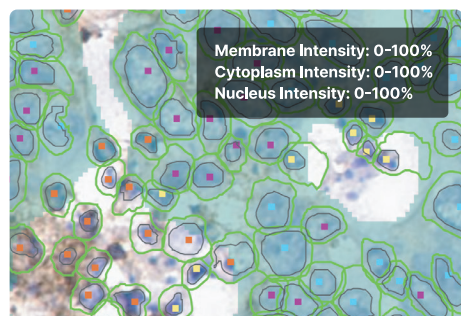
**Advanced and efficient IHC biomarker
analysis for translational research**

Description

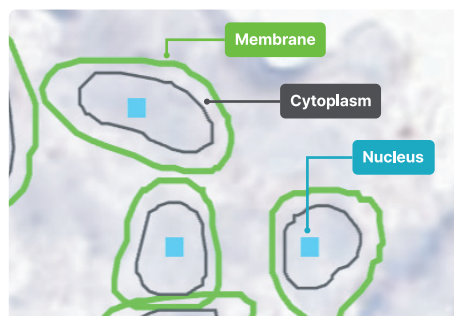
- Artificial Intelligence (AI)-based digital pathology image analysis software
- Access any target across multiple cancer types
- Trained and tuned on broad dataset:
 - Over 6k WSIs
 - 18 types of IHC stains
 - Various cancers with more than 20 primary origins

Features

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



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

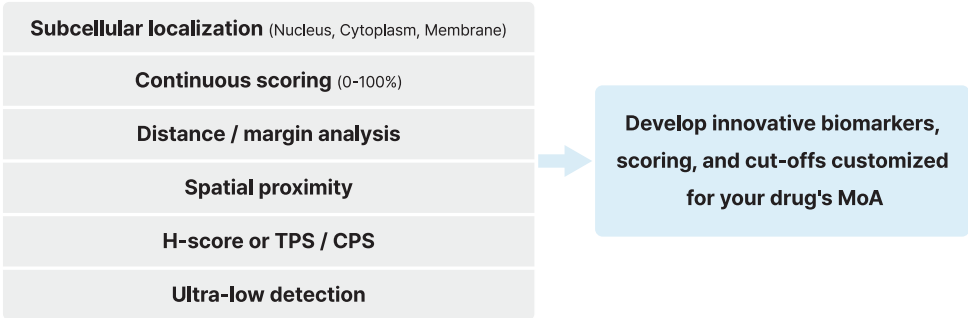


**Cell type identification:
Tumor cell, Lymphocyte,
Macrophage, and Other Cell**

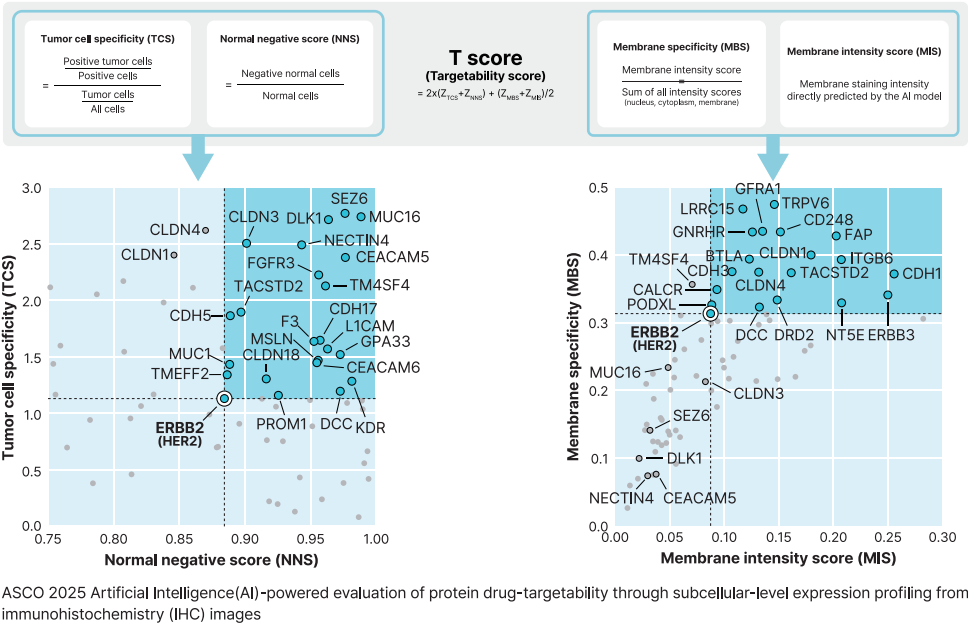
Total Cells	Cell counts
Positive Tumor Cells	NNN,... (0-100%)
Negative Tumor Cells	NNN,... (0-100%)
Positive Lymphocyte	NNN,... (0-100%)
Negative Lymphocyte	NNN,... (0-100%)
Positive Macrophage	NNN,... (0-100%)
Negative Macrophage	NNN,... (0-100%)
Positive Other Cell	NNN,... (0-100%)
Negative Other Cell	NNN,... (0-100%)

Pioneering AI-Driven Biomarker Strategy Across Drug Development Phases

CDx development
for next-gen IHC biomarkers



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

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