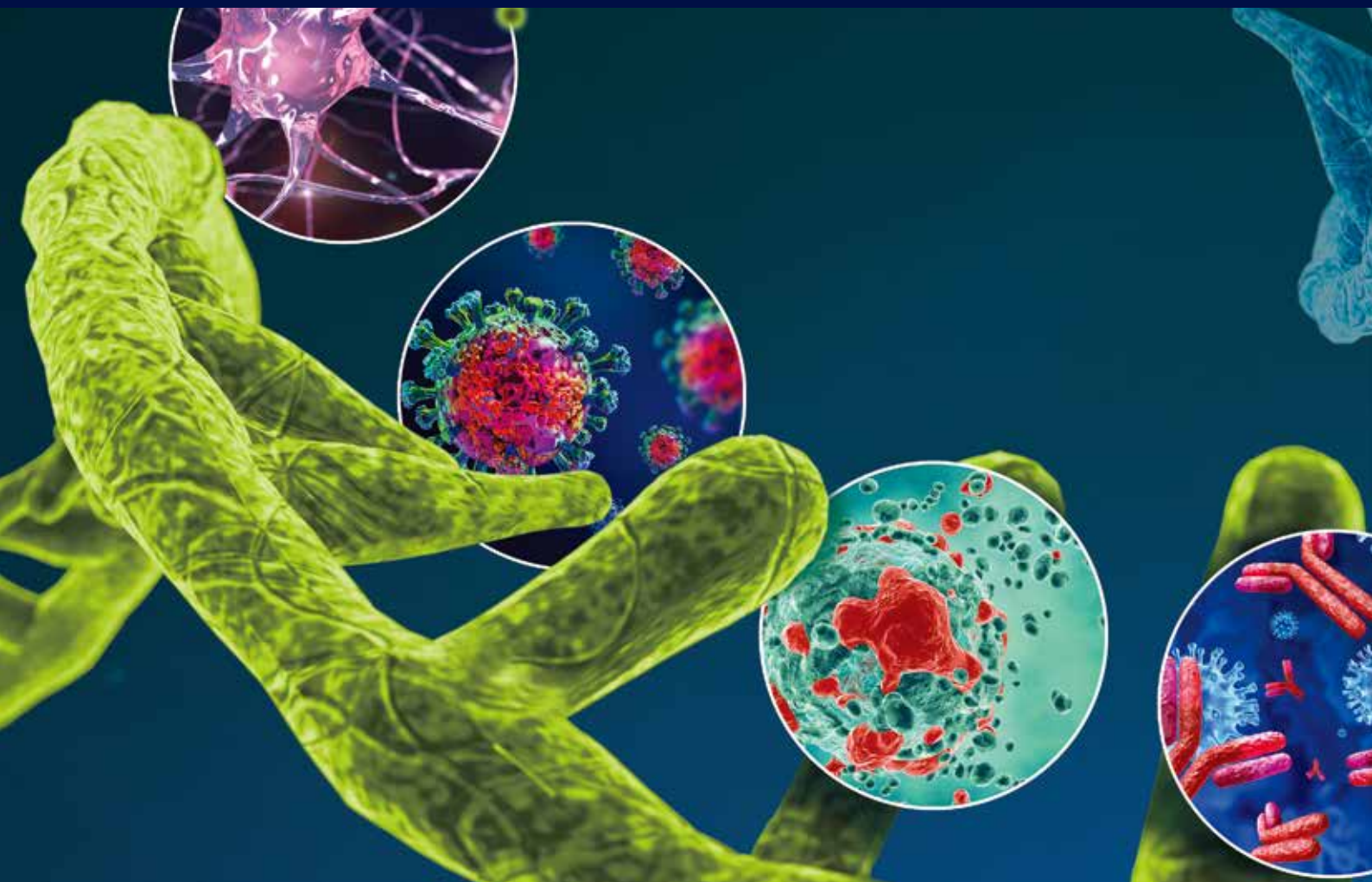


Now You Can See Any RNA

**With RNAscope[™] in situ assays you can visualize
Any RNA, in ANY species, in ANY tissue**



독자적인 Probe Technology



동영상 보기

✓ Sensitivity

최대 20개의 이중 ZZ probe 형성하여 견고성 증대

✓ Specificity

이중 ZZ probe 디자인이 비특이적 결합 위치에서는 신호 증폭 방지

✓ Single Molecule Detection

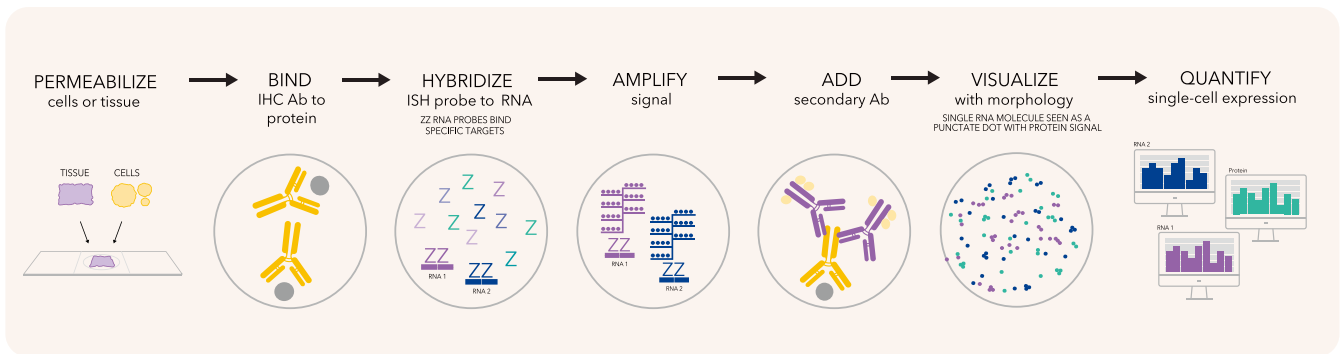
독자적인 probe 설계 및 신호 증폭으로 단일 분자의 RNA를 Signal dot으로 시각화

✓ Degraded Sample Compatible

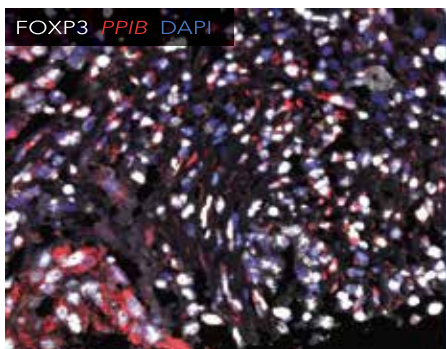
부분적으로 degradation 된 RNA의 짧은 영역도 probe 설계 가능

RNA-Protein Co-detection

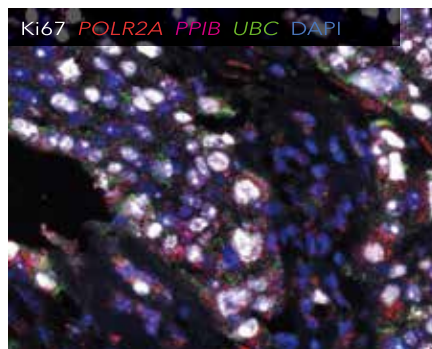
- RNA와 단백질 동시 검출이 가능 하도록 통합된 워크플로우 제공
- 대부분 IHC 항체는 RNAscope/ BaseScope/ miRNAscope와 호환



Co-detection of mRNA and protein using RNAscope ISH and IF



FDXP3 protein visualized with PPIB mRNA



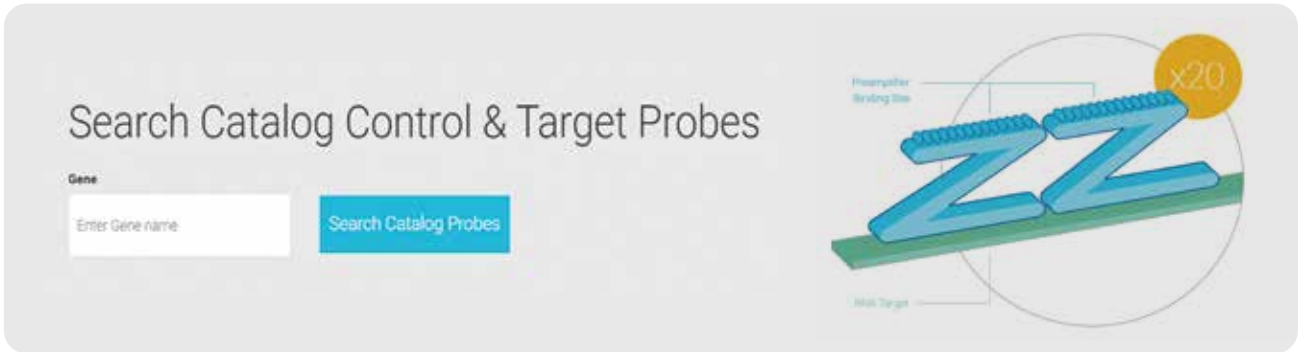
KI67 protein visualized with POLR2A, PPIB and UBC mRNA

Any Gene, Any Species, Any Tissue



Target 찾아보기

- 140개 이상의 종에서 13,00 이상의 Probe 보유
- 2주 안에 새로운 target probe 제작 가능



Professional Assay Service



Services 보기

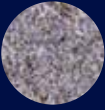








Expert ISH and Image Analysis Services

ACD 사의 전문 분석 서비스는 GCLP 준수하는 RNAscope, BaseScope™ 및 miRNAscope™ ISH (in situ hybridization) 분석 서비스 제공

- 학술 및 생물 약제 파트너를 위한 임상 및 전임상 연구 지원
- 전문 분석 서비스는 이미지 분석 전문가, 병리학자, 기술 개발자가 직접 탁월한 전문 지식을 제공하고 연구 목표와 일정을 충족하도록 지원



Selection guide

	Assay type	Plexing offered	Dye used	Channel	Available Platform
 RNAscope® HD BROWN or Red	Chromogenic	Single plex	DAB-HRP or Green-HRP	Channel 1	Manual, Leica Bond Rx, Ventana DISCOVERY ULTRA
 RNAscope® Duplex	Chromogenic	Duplex	Green-HRP Fast Red-ALP	Channel 1, 2	Manual, Leica Bond Rx, Ventana DISCOVERY ULTRA
 RNAscope® Fluorescent Multiplex	Fluorescent	3-plex	Alexa 488, Atto 550, Atto 647	Channel 1, 2, 3	Manual
 RNAscope® Multiplex Fluorescent (V2)	Fluorescent	4-plex	TSA Plus/Opal dyes	Channel 1, 2, 3, 4	Manual, Leica Bond Rx
 RNAscope® Hiplex (V2)	Fluorescent	12-plex	Alexa 488, Atto 550, Atto 647	Tail 1, 2, ..., 12	Manual
 BaseScope™	Chromogenic	Single plex	Fast Red-ALP	Channel 1	Manual, Leica Bond Rx, Ventana DISCOVERY ULTRA
 BaseScope™ Duplex	Chromogenic	Duplex	Green-HRP Fast Red-ALP	Channel 1, 2	Manual
 miRNAScope™	Manual	Single plex	Fast Red-ALP	Channel S1	Manual, Leica Bond Rx
 DNAScope™ Duplex	Leica Bond Rx	Duplex	Green-HRP Fast Red-ALP	Channel 1, 2	Manual

Applications

We are supporting a broad range of pre-clinical and clinical applications in every therapeutic area including:

Cell Therapy	RNA Protein Co Detection Assays	Companion Diagnostics	Drug Safety Testing	Gene Therapy
Biomarker Dev & validation	Cancer	Immuno-Oncology	Neuroscience	Other applications