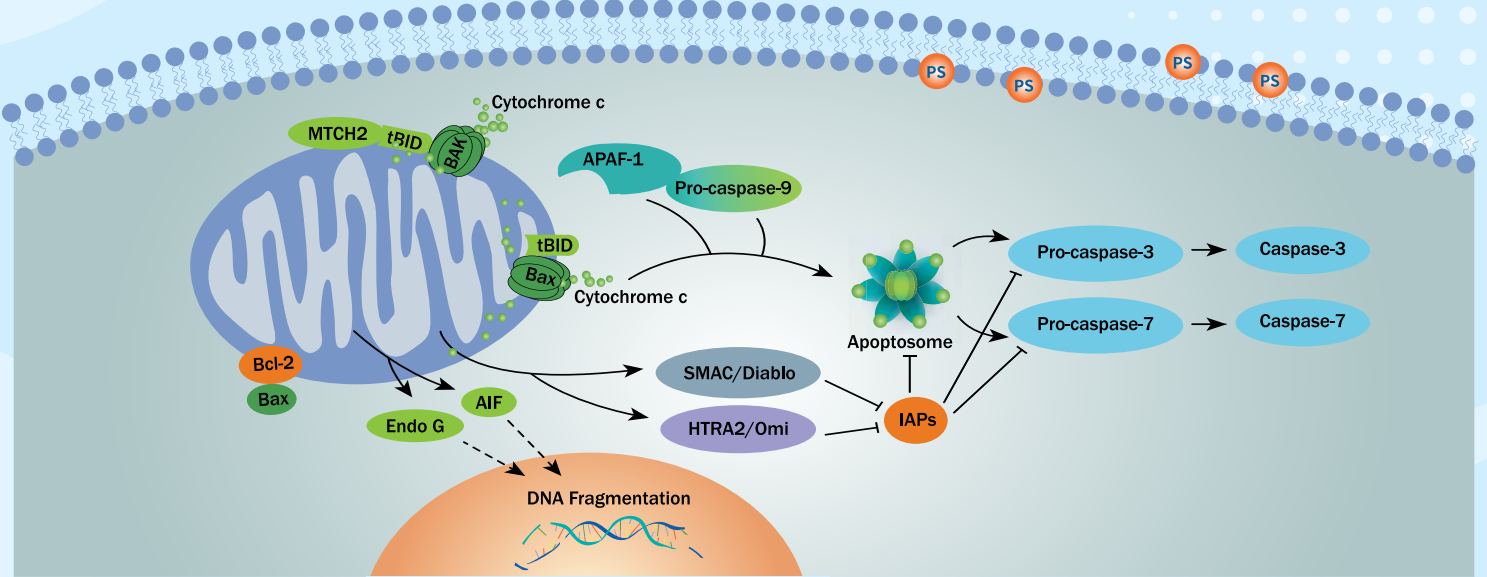
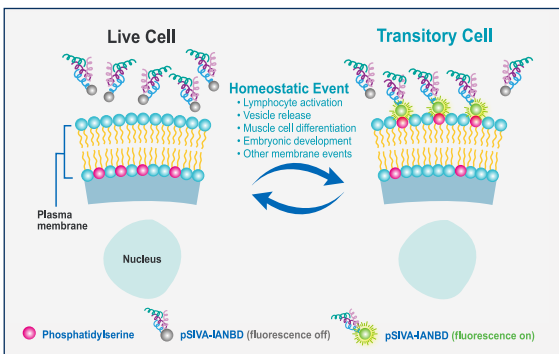


# Tools for DNA Damage and Apoptosis

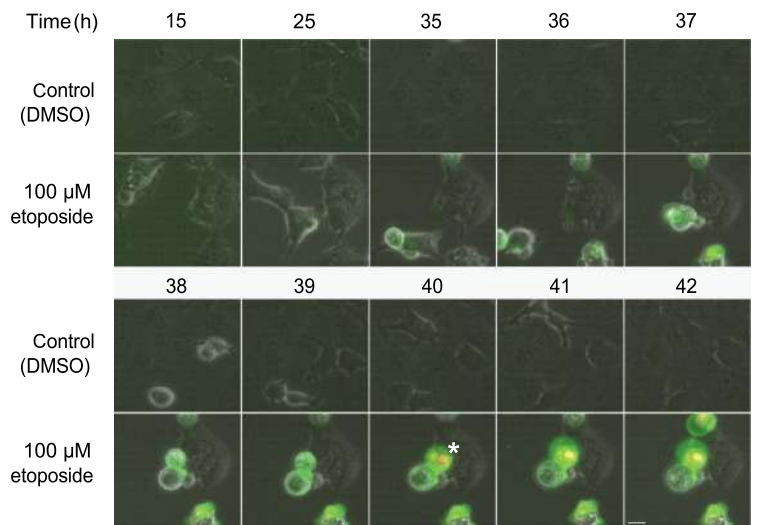


## 01 pSIVA - Phosphatidylserine Detection

- Order information: Cat# NBP2-29611
- Phosphatidylserine에 binding 했을 때만 형광 turn on!
- 실시간 apoptosis 확인 가능: Live cell imaging

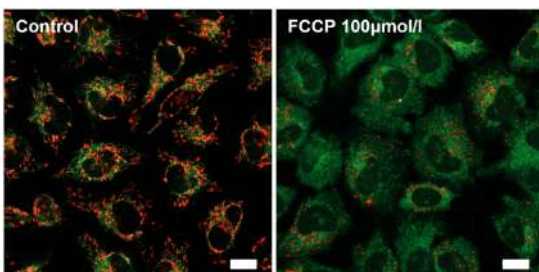


## COS-7



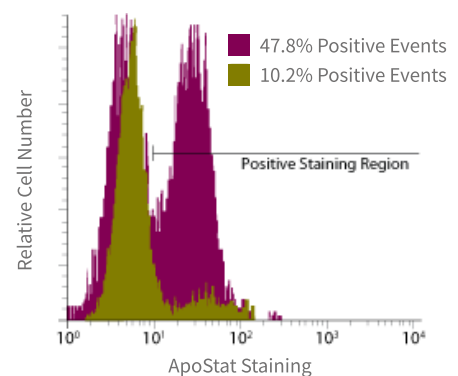
## 02 JC-1 - Mitochondria Potential 변화 확인

- Order information: Cat# MT09-10
- JC-1의 색 변화를 통해 mitochondria potential 변화를 쉽게 관찰
- 간단한 실험 방법: Media에 처리한 후 30분 incubation
- Imaging buffer를 통한 low background



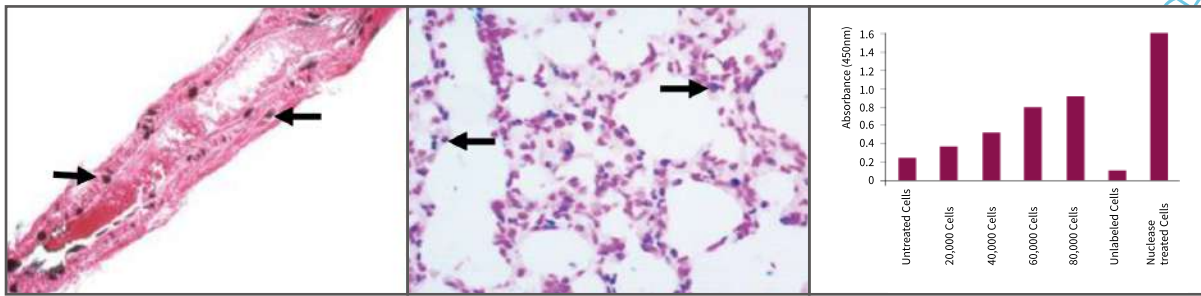
## 03 ApoStat - Apoptosis activation 확인

- Order information: Cat# FMK012
- FITC-VAD-FMK
- 간단한 실험 방법: Sample에 처리한 후 30분 incubation



## 04 TUNEL Assay - DNA Fragment 확인

- dNTP 효소를 이용해서 DNA fragment를 확인할 수 있는 방법
- Tissue 특성에 최적화된 제품들 출시
- 사용자가 원하는 data 도출 방식에 따라 자유롭게 제품 선택 가능



VasoTACS in situ Apoptosis Detection kit (Cat# NB4826-30-K)

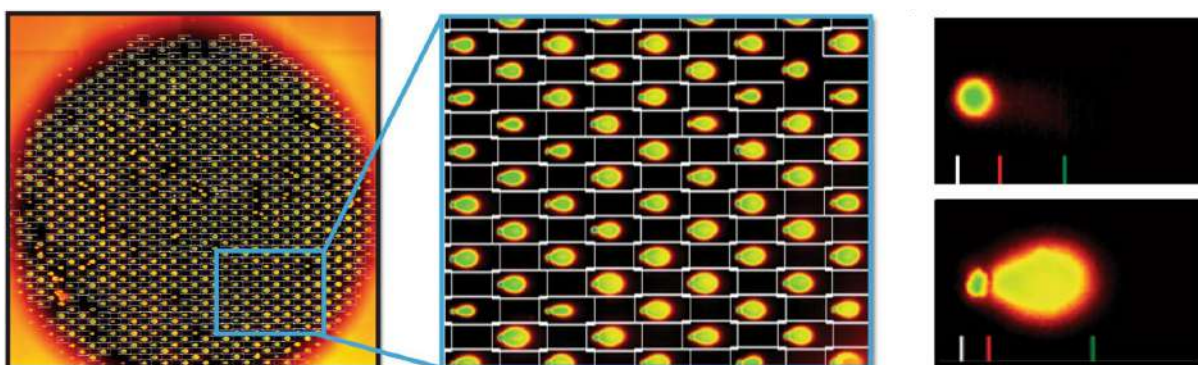
TACS-XL Kit (Cat# NB4828-30-BK)

TiterTACS In Situ Detection Kit (Cat# 4822-96-K)

Tissue 종류에 따라		Detection method에 따라		
Cat#	Name	Cat#	Name	Detection Method
4827-30-K	CardioTACS Kit	4810-30-K	TdT Kit - DAB	광학현미경
4815-30-K	TumorTACS Kit	4811-30-K	TdT Kit - TACS Blue Label	광학현미경
4826-30-K	VasoTACS Kit	4828-30-DK	TACS-XL Kit - DAB	광학현미경
4829-30-K	DermaTACS Kit	4828-30-BK	TACS-XL Kit - TACS Blue	광학현미경
4823-30-K	NeuroTACS Kit	4812-30-K	TACS <sup>2</sup> TdT Fluorescein Kit	형광현미경
		4817-60-K	FlowTACS Flow Cytometry Kit	Flow Cytometry
		4822-96-K	TiterTACS in situ Kit	Microplate reader

## 05 CometAssay<sup>®</sup> - Singel Cell DNA Fragment 확인

- Single cell DNA damage visualizing 할 수 있는 실험 기법
- Comet 전용 software를 통한 빠르고 객관적인 data 도출
- Sample 수에 맞춰 구매할 수 있도록 다양한 size의 slide 출시



Cat#	Name	구성
4250-050-ESK	CometAssay Electrophoresis Starter Kit	2 well slides+Comet reagent+Electrophoresis system
4250-040-ESK	CometAssay 20-Well Electrophoresis Starter Kit	20 well slides+Comet reagent+Electrophoresis system
4250-096-ESK	CometAssay 96-Well Electrophoresis Starter Kit	96 well slide+Comet reagent+Electrophoresis system
4260-096-EKK	CometChip Electrophoresis Starter Kit	CometChip+Comet reagent+Electrophoresis system