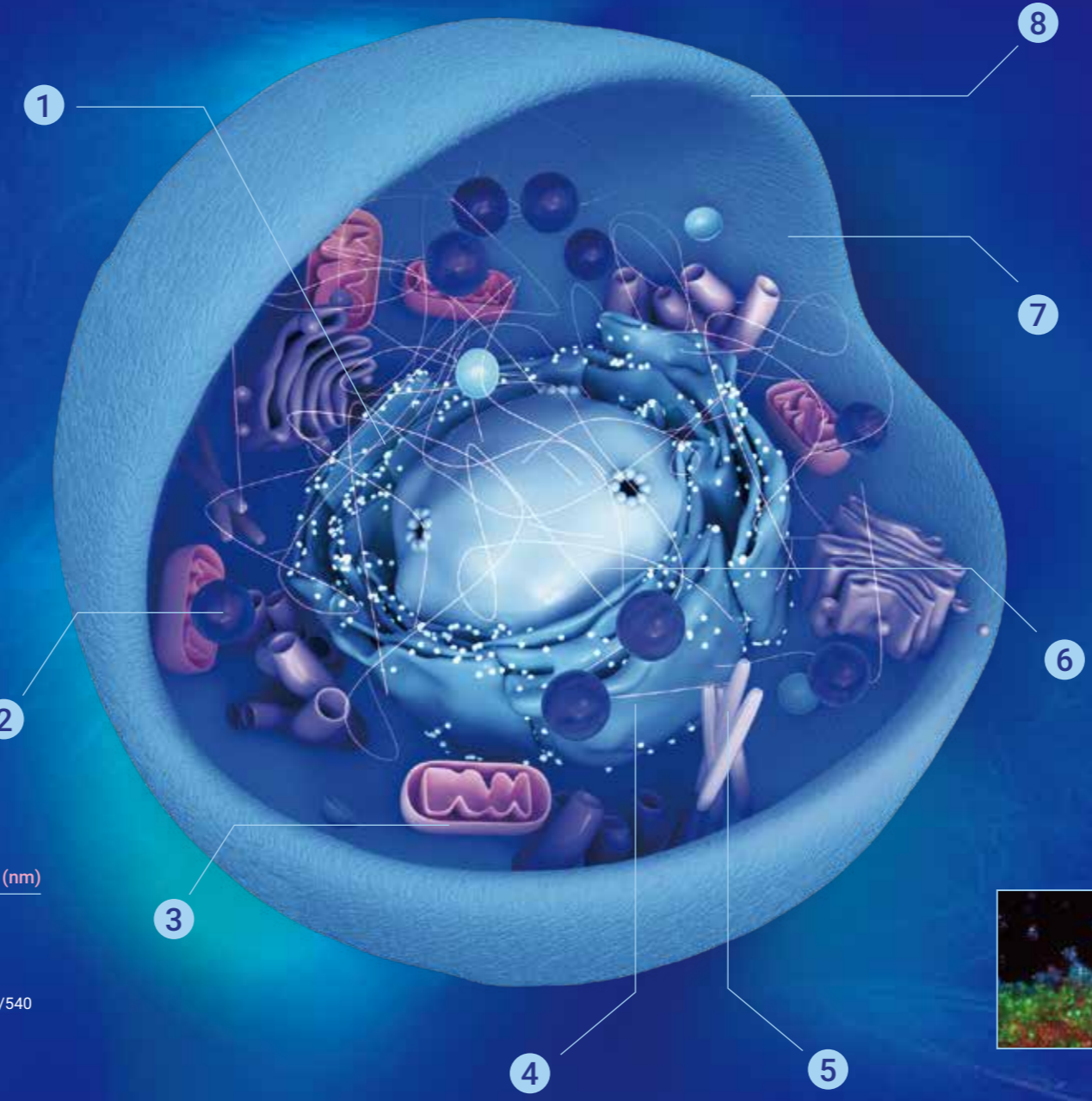


# The Illuminated Cell



## 1. Biosensors

### Ca<sup>2+</sup> Probe

Cat. No.	Product	Ex (nm)	Em (nm)
HY-101897	Fura-2 AM	340/380	510
HY-101898	Indo-1 AM	338	400\475
HY-D0716	Fluo-3 AM	506	526
HY-101896	Fluo-4 AM	494	516
HY-D0989	Rhod-2 AM	540	575

### ROS Probe

Cat. No.	Product	Ex (nm)	Em (nm)
HY-130017	HKSOX-1r	509	534
HY-D1156	HKSOX-1m	509	534
HY-D1157	HKPerox-2	480	527
HY-130025	HKOCI-3	490	527
HY-D1148	HKGreen-4l	517	535
HY-130013	HKYellow-AM	543	567
HY-D1151	HKOH-1	500	520
HY-D1159	HKOH-1r	500	520
HY-D0940	H2DCFDA	488	525

### NOS Probe

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D0032	DAF2DA	495	515
HY-D0717	DAF-FM DA	495	515

## 2. Lysosome

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D0166	Neutral Red	/	/
HY-D1300	LysoTracker Red	578	590
HY-D1296	Green DND-26	504	511
HY-D1445	LysoSensor PDMPPO	329/440	384/540

## 3. Mitochondrial

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D0993	Acridine Orange 10-Nonyl Bromide	489	525
HY-135009	2-Di-1-ASP	490	530
HY-D0084	DiOC6 (3)	470	510
HY-15534	JC-1	515/585	529/590
HY-D0984A	TMRM Perchlorate	530	580
HY-D0816	Rhodamine 123	503	527
HY-D0309	Rhodamine 6G	530	575
HY-Y0016	Rhodamine B	545	580
HY-D0985A	TMRE	550	575

## 4. Endoplasmic Reticulum

Cat. No.	Product
HY-D1297	ER-Tracker Green
HY-D1429	ER-Tracker Blue-White DPX

## 8. Cell Membrane

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D1028	DiI, DiIC18 (5)	644	665
HY-D0083	DiI, DiIC18 (3)	549	565
HY-D0986	TMA-DPH	355	430
HY-D0080	Laurdan	430	485
HY-101891	Di-8-ANEPPS	545	594
HY-D1048	Cy7 DiC18	750	780
HY-D1451	PKH 26	551	567
HY-103466	FM4-64	565	620
HY-D0969	DiO, DiOC18 (3)	484	501

## 7. Cytoplasm

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D0041	Calcein-AM	495	515
HY-D0079	Dihydroethidium	518	616
HY-D0974	Sulforhodamine B	565	586
HY-D0938	CFSE	485	535

## 6. Nucleus

Cat. No.	Product	Ex (nm)	Em (nm)
HY-D0814	DAPI	358	461
HY-15630A	Hoechst 33342	350	461
HY-15632	Para-iodoHoechst 33258	350	461
HY-15626	Ortho-iodoHoechst 33258	392	440
HY-101879	Acridine Orange, AO	500 (DNA)	526 (DNA)
HY-D1020	7-Aminoactinomycin D, 7-AAD	546	647
HY-101859	NucPE1	482	495
HY-15629	HOE 32020	352	465
HY-D0996	LDS-751	488	670
HY-D0815	Propidium Iodide, PI	530	625

## 5. Cytoskeleton/Microtubules

Cat. No.	Product	Ex (nm)	Em (nm)
HY-K0901	AMCA Phalloidin	353	442
HY-K0902	Fluorescein Phalloidin	496	516
HY-P2270	Phalloidin-TRITC	656	690
HY-K0903	Rhodamine Phalloidin	540	565
HY-D1346	610CP	609	634