

Attune NxT BRV6Y Configuration

	Laser (nm)	BP	LP	Optimal Colors	Additional optimal fluorochrome options available on FluoroFinder.com.																			
LASER	405	450 / 50	417	Alexa Fluor 405 CF405S CytoCalcein Violet 500 HiLyte 405 MemBrite Fix 405/430 Spectrum Aqua V450	ATTO 425 cFluor V420 DY-415 iFluor 405 mFluor Violet 450 Nuclear Yellow StarBright Violet 440 VioBlue	Brilliant Violet 421 cFluor V450 DyLight 405 LysoBrite Blue MitoLite Blue FX490 Oxazole Blue Homodimer StarBright Violet 475 Vio Bright V423	Brilliant Violet 480 CoraLite Plus 405 eFluor 450 LysoView 405 MitoView 405 Pacific Blue PromoFluor 405 SuperBright 436 violetFluor 450	CF405M CytoCalcein Violet 450 ExoBrite 410/450 EV Membrane Stain MaxLight 405 Nuclear Violet POPO-1 Spark Violet 423 SuperNova v428																
				LASER	488	530 / 30	503	Adirondack Green 520 BCECF AM cFluor B548 CytoTrace Green CMFDA FITC LysoBrite Green MitoLite Green FM NL 493 NucSpot Live 488 PhenoVue 503 Lysosomal Stain PicoGreen Spectrum Green Thiazole Orange Iodide	Alexa Fluor 488 Brilliant Blue 515 Chromeo 488 DAF-FM FITC Plus LysoView 488 MitoMark Green NovaFluor Blue 530 Oxazole Yellow PhenoVue Cal-520 AM Bright, Calcium Indicator PromoFluor 488P SureLight 488 Vio515	Alpha Fluor 488 CellTrace Oregon Green Chromeo 505 DMAO HiLyte 488 MaxLight 490 MitoROS 520 Nuclear Green Oxazole Yellow Homodimer PhenoVue Cal-520 AM, Calcium Indicator RealBlue 545 Syto 16 VioBright FITC	ATTO 488 CF488A cFluor B515 CoraLite 532 DyLight 488 iFluor 488 MemBrite Fix 488/515 NBD Nuclear Orange Oyster 488 PhenoVue Fluo-4 AM, Calcium Indicator Spark Blue 550 Syto 24 VRDye 490	BactoView Live Green CF500 cFluor B532 CoraLite Plus 488 ExoBrite 490/515 EV Membrane Stain KIRAVIA Blue 520 MitoLite Green EX488 Neuro DiO NucSpot 470 PhenoVue 493 Lipid Stain PhenoVue Fluor 488 PhenoVue ROS-490, Total Oxidative Stress Indicator Spark Blue 574 Thiazole Orange Homodimer												
								LASER	405	525 / 50	495	ATTO 425 DY-395XL MitoLite Orange EX405	ATTO 430LS LipidSpot 488 Nuclear Yellow StarBright Violet 515	Brilliant Violet 480 LysoBrite Blue Spark Violet 538 VioGreen	Brilliant Violet 510 LysoSensor Yellow/Blue pH3.0 Spectrum Aqua StarBright Violet 475	CytoCalcein Violet 500 LysoView 405 MitoLite Blue FX490								
												LASER	405	610 / 20	555	Brilliant Violet 605 StarBright Violet 610	cFluor V610 SuperBright 600	DY-395XL SuperNova v605	LipidSpot 488 DyLight 405LS	mFluor Violet 610 eFluor 605NC				
																LASER	405	660 / 20	635	Brilliant Violet 650 eVolve 655	Chlorophyll A Qdot 655	StarBright Violet 670	SuperBright 645	eFluor 650NC
																				LASER	405	710 / 50	680	Brilliant Violet 711 SuperBright 702
LASER	405	780 / 60	740																					Brilliant Violet 750 SuperBright 780
				LASER	405	695 / 40	555																	ATTO 490LS cFluor BYG710
								LASER	405	695 / 40	555													PE-Dyomics 647 RPE-CF647T

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LASER	561	585 / 16	577	Alexa Fluor 546 ATTO 565 Calcium Orange Dyomics 547 MitoLite Red FX600 PE PhenoVue 577 Lysosomal Stain RealYellow 586 SureLight PE-594	Alexa Fluor 555 ATTO Rho3B CellMask Orange Plasma Membrane Stain ExoBrite 560/585 EV Membrane Stain MitoMark Red PE-Dazzle 594 PhenoVue 578 Mitochondrial Stain Rhodamine Red	Alexa Fluor 561 BOBO-3 CF568 cFluor BYG610 CytoTrace Red HiLyte 555 LysoView 550 mScarlet PE-Dyomics 590 PhenoVue Cal-590 AM Bright, Calcium Indicator Rhod-FF AM	ATTO 542 Calcein Red AM CF570 cFluor YG584 DyLight 549 LysoBrite Orange MemBrite Fix 568/580 NL 557 PE-eFluor 610 PhenoVue Cal-590 AM, Calcium Indicator SNARF 1 pH6.0	ATTO 550 Calcein Red-Orange AM cFluor BYG575 cFluor YG610 DyLight 550 LysoBrite Red MitoLite Orange FX570 NovaFluor Yellow 570 PhenoVue 551 Mitochondrial Stain PhenoVue Fluor 555 PhenoVue ROS-570, Total Oxidative Stress Indicator Spark YG 581				
				ATTO 565 CF570 LysoView 594 mScarlet PE-eFluor 610 ReAsH	ATTO Rho3B cFluor BYG610 Magic Red NovaFluor Yellow 610 PE-Fire 640 SNARF 1 pH6.0	BactoView Live Red BOBO-3 cFluor YG610 MitoLite Red FX600 PE-Alexa 610 PE-Dazzle 594 PE-Vio615 SNARF 1 pH9.0	Calcein Red-Orange AM LysoBrite Red mNeptune PE-CF594 PE-Dyomics 590 PhenoVue Nile Red Lipid Stain SureLight PE-594 SureLight RPC					
				cFluor BYG781 Seta-R-PE-775	DRAQ 9 SureLight PE Cyanine 7.0	PE-Cy7 PE-Alexa 750	PE-Fire 810 PE-Vio770					
				LASER	638	670 / 14	645	Alexa Fluor 633 ATTO 633 CellMask Deep Red Plasma Membrane Stain DRAQ 9 FluoProbes647H IRDye 680RD LysoView 640 MitoLite Deep Red FX660 PhenoVue 641 Mitochondrial Stain SureLight P3	Alexa Fluor 635 ATTO 647 CellTracker Deep Red CoraLite Plus 647 DyLight 633 HiLyte 647 Janelia Fluor 635 LysoView 650 MitoLite NIR FX690 NucSpot 640 PhenoVue Fluor 647 Thiazole Red	Alexa Fluor 647 ATTO 655 CF633 cFluor R685 Cy5 iFluor 633 Janelia Fluor 646 MaxLight 650 MitoView 650 NucSpot Far-Red PhenoVue ROS-670, Total Oxidative Stress Indicator Thiazole Red Homodimer	Alexa Fluor 660 ATTO 665 CF640R Chromeo 642 CypHer5E DyLight 650 iFluor 647 LipidSpot 610 MemBrite Fix 640/660 MitoView Fix 640 NucSpot Live 650 PromoFluor 647P STAR 635 STAR RED Vio667 Vio Bright R667	APC Calcein Deep Red AM CF647 CoraLite 647A DilC1(5) ExoBrite 640/660 EV Membrane Stain IRDye 650 LysoBrite NIR MemBrite Fix ST 650/665 NL 637 Oyster 650 Spark NIR 685 STAR 635P SureLight APC VioBright 667 Vio R667
								Alexa Fluor 660 ATTO 655 LipidSpot 610 NucSpot Far-Red Vio Bright R720	APC-Alexa 680 ATTO 665 LysoView 650 NucSpot Live 650 Vio R720	APC-Alexa 700 cFluor R685 LysoView 680 Red 718	APC-R700 DRAQ 9 MitoLite NIR FX690 Seta-APC-705	ATTO 647 IRDye 680RD NucSpot 680 Spark NIR 685
								APC-CF750 APC-H7 Seta-APC-780	APC-CF770 APC-Vio770	APC-eFluor 780 DRAQ 9	APC-Fire 750 LysoView 680	APC-Fire 810 PE-Fire 780

Highlighted colors are suggest by the instrument owner or manufacturer.

Tip: FluoroFinder.com enables interactive product selection from hundreds of antibody suppliers with machine specific spectra-viewers to guide you to an optimal panel design.