

Canto-II (Hydrodynamic focusing) Configuration

| | Laser (nm) | BP | LP | Optimal Colors | Additional optimal fluorochrome options available on FluoroFinder.com. | | | | |
|-------|------------|----------|----|---|--|--|--|--|--|
| LASER | 405 | 450 / 50 | -- | 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 | |
| | | | | ATTO 425 DY-395XL Nuclear Yellow VioGreen | ATTO 430LS LipidSpot 488 Spark Violet 538 | Brilliant Violet 480 LysoBrite Blue Spectrum Aqua | Brilliant Violet 510 LysoSensor Yellow/Blue pH3.0 StarBright Violet 475 | CytoCalcein Violet 500 MitoLite Blue FX490 MitoLite Orange EX405 StarBright Violet 515 | |
| LASER | 488 | 530 / 30 | -- | 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 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 | |
| | | | | Alexa Fluor 555 CoraLite 532 NucSpot 470 PE-Dyomics 590 Spark Blue 574 Thiazole Orange Iodide | cFluor B548 Di-8-ANEPPS PE PE-eFluor 610 StarBright Blue 580 | cFluor BYG575 NBD PE-CF594 PE-Vio615 StarBright Blue 615 | cFluor BYG610 NovaFluor Blue 610 / 30S PE-Dazzle 594 PhenoVue 512 Nucleic Acid Stain SureLight PE-594 | Chromeo 494 Nuclear Green Nuclear Orange PE-DyLight 594 RealBlue 545 SNARF 1 pH6.0 Thiazole Orange Homodimer | |
| | | 585 / 42 | -- | | | | | | |

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|--------------|----------|----------|---|--|--|--|--|
| | -- | 670 | ATTO 490LS cFluor BYG710 PE-Cy5 PE-Fire 810 RealBlue 744 SureLight PE Cyanine 5.0 | Brilliant Blue 700 cFluor BYG781 PE-Cy5.5 PerCP-eFluor 710 RealBlue 780 SureLight PE Cyanine 5.5 | cFluor B690 Chromeo 494 PE-Cy7 PerCP-Vio700 RPE-CF647T SureLight PE Cyanine 7.0 | cFluor BYG667 Di-8-ANEPPS PE-Dyomics 647 PE-Vio770 Seta-R-PE-775 | cFluor BYG680 NovaFluor Blue 660 / 40S PE-Fire 700 RealBlue 705 StarBright Blue 700 |
| | | 780 / 60 | 735 | cFluor BYG781 RealBlue 780 | PE-Cy7 Seta-R-PE-775 | PE-Fire 810 SureLight PE Cyanine 7.0 | PE-Vio770 PE-Alexa 750 |
| LASER 633 | 660 / 20 | -- | Alexa Fluor 633 ATTO 620 CellTracker Deep Red CypHer5E ExoBrite 640/660 EV Membrane Stain LysoView 640 MitoLite NIR FX690 NucSpot Far-Red STAR 635 SureLight RPC | Alexa Fluor 635 ATTO 633 CF633 Chromeo 642 DRAQ 9 FluoProbes647H Janelia Fluor 635 MaxLight 650 MitoView 650 Oyster 650 | Alexa Fluor 647 ATTO 647 CF640R CoraLite 647A DyLight 633 HiLyte 647 Janelia Fluor 646 MemBrite Fix 640/660 MitoView Fix 640 PhenoVue 641 Mitochondrial Stain STAR RED Thiazole Red Homodimer | Alexa Fluor 660 ATTO 655 CF647 CoraLite Plus 647 DyLight 649 iFluor 633 LipidSpot 610 MemBrite Fix ST 650/665 NL 637 PhenoVue Fluor 647 | APC Calcein Deep Red AM cFluor R685 Cy5 DyLight 650 IRDye 650 LysoBrite NIR MitoLite Deep Red FX660 NucSpot 640 PhenoVue ROS-670, Total Oxidative Stress Indicator SureLight APC Vio667 Vio Bright R667 |
| | | 780 / 60 | 735 | APC-CF750 APC-H7 | APC-CF770 APC-Vio770 | APC-eFluor 780 DRAQ 9 | APC-Fire 750 LysoView 680 |

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.