

# Canto II (Canto II)

Laser:	Bandpass Filter	Suggested Fluorochromes
<b>Violet 405 nm</b>	450/50	Alexa Fluor® 405, Cascade Blue®, Pacific Blue™, Atto 390, Atto 425, DyLight® 405, eFluor® 450, Brilliant Violet 421™ (BV421™), Phalloidin, CF405M, Brilliant Violet 510™ (BV510™), Pacific Green™, violetFluor™ 450, CF-Blue, VioBlue®, LIVE/DEAD® Fixable Violet, DAPI, SYTOX® Blue Dead Cell Stain, Zombie Violet™ Fixable (Viability), Zombie Violet™ Fixable (Viability), Cyan Fluorescent Protein (CFP)
	510/50	EviTag® quantum dots - Lake Placid Blue (490 nm), Pacific Blue™, Alexa Fluor® 430, EviTag® quantum dots - Adirondack Green (520 nm), Qdot® 525, Atto 390, Atto 425, Pacific Orange™, Cascade Yellow®, Orange Cytognos 515™ (OC-515), Krome Orange™, Brilliant Violet 510™ (BV510™), Pacific Green™, 7C, violetFluor™ 450, CF-Blue, VioBlue®, VioGreen™, LIVE/DEAD® Fixable Violet, LIVE/DEAD® Fixable Aqua, DAPI, SYTOX® Blue Dead Cell Stain, Zombie Aqua™ Fixable (viability), Zombie Yellow™ Fixable, LIVE/DEAD® Fixable Yellow , Cyan Fluorescent Protein (CFP)
<b>Blue 488 nm</b>	530/30	Alexa Fluor® 488, Alexa Fluor® 514, Cy2™, FITC, Qdot® 525, Atto 465, Atto 488, Atto 520, DyLight® 488, FAM™, HiLyte Fluor™ 488, eFluor® 565NC, Fluorescein-5-maleimide (FMLA), 488-NHS Ester, Fluorescein, Brilliant™ Blue 515 (BB515), VioBright™ FITC, LIVE/DEAD® Fixable Green, SYTOX® Green Dead Cell Stain, Zombie Green™ Fixable (viability), Green Fluorescent Protein (emerald GFP), Cyan Fluorescent Protein (CFP)
	585/42	Alexa Fluor® 514, Qdot® 565, PE, DyeMer™ 488/605, Qdot® 585, Qdot® 605, PE-Texas Red (ECD), eFluor® 605NC, PE-Dyomics 590, eFluor® 565NC, RD1 (Phycoerythrin), eFluor® 585NC, PE-Dazzle™ 594, BPE, RPE, LIVE/DEAD® Fixable Red, Propidium Iodide (PI) , SYTOX® Green Dead Cell Stain, LIVE/DEAD® Fixable Red, CyTRAK Orange™ cell-permeant DNA probe
	670LP	PerCP, PerCP-Cy5.5™, Qdot® 655, PE-Cy5™ (PC5), Qdot® 705, Qdot® 800, PE-Cy5.5™ (PC5.5), PE-Cy7™ (PC7), PerCP-eFluor® 710, eFluor® 650NC, PE-Dyomics 647, PE-Alexa Fluor™ 700, TRI-COLOR®, PE-Alexa Fluor™ 680, PE-Alexa Fluor™ 647, PE-Alexa Fluor™ 750, PE-Cy6™ (PC6), PerCP-Vio700™, PE-Vio770™, 7-AAD , Propidium Iodide (PI) , 7-AAD, SYTOX® AADvanced™ Dead Cell Stain, DRAQ5™ far-red cell-permeant DNA probe, DRAQ7™ far-red viability probe, CyTRAK Orange™ cell-permeant DNA probe
	780/60	Qdot® 800, PE-Cy7™ (PC7), PE-Alexa Fluor™ 750, PE-Vio770™, DRAQ5™ far-red cell-permeant DNA probe, CyTRAK Orange™ cell-permeant DNA probe

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Red 633 nm	660/20	Alexa Fluor® 633, Alexa Fluor® 635, Alexa Fluor® 647, Alexa Fluor® 647-PE, APC, APC-Cy5™, Atto 647, Cy5™, Dyomics 647 (DY-647), Qdot® 655, Alexa Fluor® 700-APC, Atto 594, Atto 610, Atto 620, Atto 635, Atto 655, DyLight® 633, eFluor® 650NC, eFluor® 660, HiLyte Fluor™ 647, SureLight® PBXL-3, SureLight® P3, Atto 633, Atto 647N, Dyomics 634 (DY-634), TO-PRO®-3, SYTOX® Red Dead Cell Stain, DRAQ5™ far-red cell-permeant DNA probe
	780/60	Alexa Fluor® 750, APC-Cy7™, Cy7™, Qdot® 800, Atto 700, DyLight® 750, APC-Alexa Fluor® 750, APC-eFluor® 780, APC-H7, HiLyte Fluor™ 750, APC-C750, DyLight® 755, redFluor™ 710, APC-Vio770™, Zombie NIR™ Fixable (viability), LIVE/DEAD® Fixable Near-IR Red , DRAQ5™ far-red cell-permeant DNA probe