

<b>Laser</b>	<b>Mirror</b>	<b>Filter</b>	<b>Channel name</b>	<b>Other suitable dyes</b>
Violet 405nm	735LP	800/50	Qdot 800	Brilliant Violet 785
	685LP	710/40	Qdot 705	Brilliant Violet 711
	630LP	670/30	Qdot 655	Brilliant Violet 650
	600LP	610/20	Qdot 605	Brilliant Violet 605 / suitable also for BV 570
	505LP	525/50	AmCyan, Aqua L/D	AlexaFluor430, Brilliant Violet 510, Zombie Aqua
		450/50	PacificBlue, V450	AlexaFluor405, Brilliant Violet 421, DAPI, CFP, SYTOXBlue, Cascade blue, Cerulean, Hoechst
Blue 488nm	685LP	710/50	PerCP/PerCP-Cy5.5	PerCP, PerCPCy5.5, Brilliant Blue 700
	505LP	530/30	FITC	AlexaFluor488, SYTOXGreen, GFP, Venus, YFP, BB515
		488/10	SSC	
YellowGreen 561nm	750LP	780/60	PE-Cy7	
	685LP	710/50	PE-Cy5.5	PE-AlexaFluor700
	635LP	670/30	PE-Cy5	7AAD, AlexaFluor594
	600LP	610/20	PE-Texas Red, mCherry	PI, AlexaFluor610, mRaspberry, AlexaFluor594, mRFP
		586/15	PE, DsRED	tdTomato, AlexaFluor546
Red 640nm	750LP	780/60	APC-Cy7, APC-H7	AlexaFluor750
	690LP	730/45	AlexaFluor700	
		670/14	APC	AlexaFluor633, AlexaFluor647, SYTOXRed, DRAQ5

**Spectral viewer:** [http://www.bdbiosciences.com/kr/research/multicolor/spectrum\\_viewer/index.jsp](http://www.bdbiosciences.com/kr/research/multicolor/spectrum_viewer/index.jsp)  
<http://www.biolegend.com/spectraalyzer>