

<b>Laser</b>	<b>Mirror</b>	<b>Filter</b>	<b>Channel name</b>	<b>Fluorochromes (some examples)</b>
Violet 405nm	735LP	780/60	Vio 780/60	Qdot800, BV785
	685LP	710/50	Vio 710/50	Qdot705, BV711
	630LP	670/30	Vio 670/30	Qdot655, BV650
	600LP	610/20	Vio 610/20	Qdot605, BV605 / suitable also for BV570
	505LP	525/50	Vio 525/50	AmCyan, AlexaFluor430, BV510, Aqua L/D
		450/50	Vio 450/50	PacificBlue , AlexaFluor405, BV421, DAPI, CFP, SYTOXBlue, Cascade blue, Cerulean, Hoechst
Blue 488nm	685LP	695/40	Blue 695/40	PerCP, PerCPCy5.5, PerCP-eFluor710, BB700
	505LP	530/30	Blue 530/30	FITC, AlexaFluor488, SYTOXGreen, GFP, Venus, YFP, BB515
		488/10	SSC	
YellowGreen 561nm	750LP	780/60	YG 780/60	PE-Cy7, BYG785
	685LP	710/50	YG 710/50	PE-Cy5.5, PE-AlexaFluor700
	635LP	670/30	YG 670/30	PE-Cy5, BYG660, 7AAD PE-AlexaFluor647
	600LP	610/20	YG 610/20	PE-Texas Red, PI, mRFP, mCherry, AlexaFluor594
	570LP	586/15	YG 586/15	PE, DsRED, tdTomato, AlexaFluor546
Red 640nm	750LP	780/60	Red 780/60	APC-Cy7, APC-H7, AlexaFluor750
	690LP	730/45	Red 730/45	AlexaFluor700
		670/14	Red 670/14	APC, AlexaFluor647, Atto647, SYTOXRed, DRAQ5, TO-PRO-3

**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/spectraanalyzer>