

		Exitation Laser (nm)						
Ch	Band (nm)	375***	405	488	561	592	642	785
1	435-480 (457/45)	375 & 405*** Ch1/Ch9 BF *cFluor®V420, DAPI, BV421	BRIGHTFIELD					
2	480-560 (528/65)	*cFluor®V547, BV510, PacOrange, QD525		cFluor®B515, FITC, AF488, GFP, BB515, YFP, DyL488, PKH67, Syto13, SpctmGreen, MitoTkrGreen				
3	560-595 (577/35)	*QD565, QD585, eFluor®565		cFluor®BYG575, PE, PKH26, Cy™3, DSRed, CellMask, CellTracker, SYTOX™ Orange	cFluor®BYG575,P E, AF546, DyL550, PKH26, DSRed, Cy™3			
4	595-642 (610/30)	Ch4/Ch10 BF *cFluor®V610, QD625, eFluor®625, BV605		Ch4/Ch10 BF or cFluor®BYG610*, PE TexRed*, ECD*, PE AF610*, RFP, QD625*, eFluor®625*, BB630P2*	Ch4/Ch10 BF cFluor®BYG610*, AF568*, DyL594*, PE-TxRed*, ECD*, RFP, mCherry*			
5	642-745 (702/85)	*QD705, eFluor®700, BV711		cFluor®BYG710*, PE Cy™5*, PE-AF647*, BB700, 7AAD*, PI*, PerCP*, PerCP-Cy™5.5*, DQ5*, LDS751*	cFluor®BYG710*, PE-Cy™5*, PE AF647*, 7AAD*, DQ5*, LDS751*			
6	745-785 (765/40)	*QD800, BV786		cFluor®BYG781*, PE Cy™7*, PE-AF750*, BB790P	cFluor®BYG781*, PE-Cy™7*, PE AF750*			
7	435-480 (457/45)		*cFluor®V420, DAPI, BV421, AF405, Hoechst, PacBlue, CasBlue, eFluor®450, DyL405, CFP, L/D Violet					
8	480-560 (528/65)		*cFluor®V547, BV510, PacOrange, CasYellow, AF430, eFluor®525, QD525					
9	560-595 (577/35)		Ch1/Ch9 BF or *QD565, QD585, eFluor®565					
10	595-642 (610/30)		Ch4/Ch10 BF or *cFluor®V610, QD625, eFluor®625, BV605			Ch4/Ch10 BF, TexRed*, AF594*, mCherry*		
11	642-745 (702/85)		*QD705, eFluor®700, BV711			APC, AF647, AF660, Cy™5, DyL649, DQ5*	cFluor®R668, AF647, AF660, AF680, APC, Cy™5, DyL649, DyL680, DQ5* PE AF647*, PE- Cy™5*, PerCP*, PerCP- Cy™5.5*	
12	745-785 (765/40)		*QD800, BV786			APC-Cy™7, APC AF750, APC- H7, APC- eFluor®750	cFluor®R780, APC-Cy™7, APC- AF750, APC-H7, APC eFluor®750, Cy™7, AF750, DyL750, PE-Cy™7*, PE AF750*	SSC