

WITH 561nm LASER <u>OFF</u>		
Channel	Optical Filter	Dye(s) - PICK ONLY ONE FROM EACH ROW
FL1	525 BP	FITC, GFP, CFSE, Alexa 488, Calcein, DyLight 488, Live/Dead Green
FL2	575 BP 30	PE
FL3	620 BP 30	PE-Texas Red, ECD, PI, PE-CF594
FL4	695 BP 30/675 BP 30*	7-AAD, PerCP, PerCP-Cy5.5, PE-Cy5, PE-Cy5.5, PerCP-eFluor710
FL5	775 LP	PE-Cy7
FL6	660 BP 20	APC, Alexa 633, Alexa 647, eFluor 660, Live/Dead Far Red
FL7	725 BP 20	APC-Alexa 700
FL8	755 LP	APC-Cy7, APC-H7, APC-Alexa750, APC-eFluor780
FL9	450 BP 50	Pacific Blue, Alexa 405, Cascade Blue, BV421, Horizon V450, DAPI, Hoechst, eFluor 450
FL10	550 BP 40	Krome Orange, FluoroGold, Pacific Orange, Alexa 430, BV 570, Cascade Yellow, Live/Dead Aqua

WITH 561nm LASER <u>ON</u>		
Channel	Optical Filter	Dye(s) - PICK ONLY ONE FROM EACH ROW, BOLD reagents require 561nm laser ON[#]
FL1	525 BP	FITC, GFP, CFSE, Alexa 488, Calcein, DyLight 488, Live/Dead Green
FL2	575 BP 30	PE, Alexa 546, eFluor 585 NC, dsRed
FL3	620 BP 30	PE-Texas Red, ECD, PI, PE-CF594, RFP, tdTomato, mCherry, Alexa 568
FL4	695 BP 30/675 BP 30*	7-AAD, PerCP, PerCP-Cy5.5, PE-Cy5, PE-Cy5.5, PerCP-eFluor710
FL5	775 LP	PE-Cy7
FL6	660 BP 20	APC, Alexa 633, Alexa 647, eFluor 660, Live/Dead Far Red
FL7	725 BP 20	APC-Alexa 700
FL8	755 LP	APC-Cy7, APC-H7, APC-Alexa750, APC-eFluor780
FL9	450 BP 50	Pacific Blue, Alexa 405, Cascade Blue, BV421, Horizon V450, DAPI, Hoechst, eFluor 450
FL10	550 BP 40	Krome Orange, FluoroGold, Pacific Orange, Alexa 430, BV 570, Cascade Yellow, Live/Dead Aqua

* 695 BP 30 is the standard filter and can be swapped for 675 BP 30 to maximise signal from certain fluorochromes

Reagents in **BOLD** REQUIRE the 561nm laser, but other reagents MAY be excited by both the 488 and 561nm lasers, check FluoroChrome chart to determine the excitation and emission profile of your fluorochromes

~NOTE: This is by no means a complete list of compatible fluorochromes, for reagents not on this list, refer to excitation and emission information or consult a Detmold Staff member.~