

Detector (laser_filter ¹)	Laser	Laser Power max/working	Filter	Primary Fluorochrome	Nominal Fluorescent dyes	Starting Voltage	Target channel ⁴	
405_448_59	405nm (violet)	55/55	448/59	BV421	Alexa405/ DAPI/ PacBlue			5
405_530_40	405nm (violet)	55/55	530/40	BV520	DAPI			
405_405_10	405nm (violet)	55/55	405/10	Side Scatter				
405_open	405nm (violet)	55/55	710/45	open				
640_670_30	640nm (red)	100/100	670/30	APC	Alexa 647 / eFluor 660			1
640_722_44	640nm (red)	100/100	722/44	Alexa 700				
640_795_70	640nm (red)	100/100	795/70	APC-cy7	APC-H7 / Alexa Fluor 780			
640_642_10	640nm (red)	100/100		Side Scatter				
355_open	640_642_10	100/100		open				3
355_692_75	640_642_10	100/100	692/75	UV blue				
355_448_59	640_642_10	100/100	488/59	UV red				

Detector laser_filter ¹	Laser	Laser Power (max/working)	Filter	Primary Fluorochrome	Nominal Fluorescent dyes	Starting Voltage	Target channel ⁴	SD
561_579_16	561nm (y/gr)	200/ 200	579/16	PE				4
561_620_29	561nm (y/gr)	200/ 200	620/29	ECD	PE- CF594 , PE-TxRed			
561_664_22	561nm (y/gr)	200/ 200	664/22	PE-cy5				
561_710_45	561nm (y/gr)	200/ 200	710/45	PE-cy5.5				
561_795_70	561nm (y/gr)	200/ 200	795/70	PE-cy7				
561_561_14	561nm (y/gr)	200/ 200	561/14	Side scatter				
488_515_30	488nm (blue)	150/ 150	526/52	FITC	Alexa 488			2
488_515_30	488nm (blue)	150/ 150	576/21	PE				
488_692/75	488nm (blue)	150/ 150	692/75	PerCP-cy5.5				
488_488_06	488nm (blue)	150/ 150	488/06	Side scatter				
488	488nm (blue)	150/ 150		PMT 1				
488	488nm (blue)	150/ 150		PMT 2				