

BD Accuri C6, 2 lasers/4 fluorescences, L1, Tour CERVI, Gerland 3B-1R

Filter and Fluorochrome List for the Accuri® C6 Flow Cytometer® System

©January, 2010

Standard Filters

FL1 530 +/- 15nm
FL2 585 +/- 20 nm
FL3 670nm LP
FL4 675 +/- 12.5 nm

Optional Filters (other)

FL1 510 +/- 7.5 nm
FL2 565 +/- 10 nm
FL3 610 +/- 10 nm
FL4 780 +/- 30 nm

Fluorescent Protein Filters

(for simultaneous GFP/YFP detection)

510 +/- 7.5 nm
540 +/- 15nm
670nm LP
675 +/- 12.5 nm



Fluorochrome list: These fluorochromes have all been used successfully on the C6.

Laser	Detector	Fluorochrome	Notes
488	FL1 530 BP	FITC	
		GFP / eGFP/YFP/mCitrine	
		CFSE/CFDA	
		Alexa Fluor 488	
		Fluo-3	
		Qdot 525	
		JC1	Membrane potential, Mitochondria
		DCFH	
		eGFP	
488	FL2 585 BP	PE	
		PI (propidium iodide)	
		dsRed, dTomato, OFP	
		SNARF	pH indicator
		TMRM	Mitochondrial activity
		Acridine Orange	
		Qdots 585/ 605/ 665	
		Tetramethylrhodamine	
		JC1	Membrane potential, Mitochondria
488	FL3 670 LP	eYFP, mCitrine	
		OFP	
488	FL3 670 LP	PerCP	Dim signals may be a problem
		PerCP-Cy5.5	
		PE-Cy5.5	
		PE-Cy7	
		PE-CY5	
		Red613/PE-TxRd	
		Q Dot 705	
		7AAD / PI	
		mCherry/RFP	
		Mitotracker Red	
640	FL4 675 BP	PI/PE-TxRd	
640	FL4 675 BP	APC	
		Alexa Fluor 647/660/700	
640	FL4 675 BP	APC-Cy7	