

# BD FACSCanto™ II Flow Cytometer

## Filter Guide

Dyes	Application	Filters	Mirrors
<b>2-laser, 4-2 configuration</b>			
<b>488 nm</b>			
SSC <sup>2</sup>	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC <sup>2</sup> , Alexa Fluor® 488 <sup>1</sup>	"	530/30	502 LP
PE <sup>2</sup>	"	585/42	556 LP
	"	NA	610 LP
PerCP <sup>2</sup> , PerCP-Cy™5.5 <sup>2</sup>	"	670 LP	655 LP
PE-Cy™7 <sup>2</sup>	"	780/60	735 LP
<b>633 nm</b>			
APC <sup>2</sup> , Alexa Fluor® 647 <sup>1</sup>	Cell surface markers	660/20	NA
	"	NA	685 LP
APC-Cy7 <sup>2</sup> , APC-H7 <sup>1</sup>	"	780/60	735 LP
<b>3-laser, 4-2-2 configuration</b>			
<b>405 nm</b>			
BD Horizon™ V450 <sup>1</sup> , Pacific Blue™ <sup>1</sup> , DAPI <sup>1</sup>	Cell surface markers	450/50	NA
BD Horizon™ V500 <sup>1</sup> , AmCyan <sup>1</sup>	"	510/50	502 LP
<b>488 nm</b>			
SSC <sup>2</sup>	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC <sup>2</sup> , Alexa Fluor® 488 <sup>1</sup>	"	530/30	502 LP
PE <sup>2</sup>	"	585/42	556 LP
	"	NA	610 LPL
PerCP <sup>2</sup> , PerCP-Cy5.5 <sup>2</sup>	"	670 LP	655 LP
PE-Cy7 <sup>2</sup>	"	780/60	735 LP
<b>633 nm</b>			
APC <sup>2</sup> , Alexa Fluor® 647 <sup>1</sup>	Cell surface markers	660/20	NA
	"	NA	685 LP
APC-Cy7 <sup>2</sup> , APC-H7 <sup>1</sup>	"	780/60	735 LP
<b>2-laser, 5-3 configuration</b>			
<b>488 nm</b>			
SSC <sup>2</sup>	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC <sup>2</sup> , Alexa Fluor® 488 <sup>1</sup>	"	530/30	502 LP
PE <sup>2</sup>	"	585/42	556 LP
BD Horizon™ PE-CF594 <sup>1</sup> , PI <sup>1</sup>	"	616/23	610 LP
PerCP <sup>2</sup> , PerCP-Cy5.5 <sup>2</sup>	"	670 LP	655 LP
PE-Cy7 <sup>2</sup>	"	780/60	735 LP
<b>633 nm</b>			
APC <sup>2</sup> , Alexa Fluor® 647 <sup>1</sup>	Cell surface markers	660/20	NA
Alexa Fluor® 700 <sup>1</sup>	"	712/21	685 LP
APC-Cy7 <sup>2</sup> , APC-H7 <sup>1</sup>	"	780/60	735 LP

LP = Longpass Filter

<sup>1</sup>For Research Use Only. Not for use in diagnostic or therapeutic procedures.

<sup>2</sup>For 6-color immunophenotyping only. Seven- and eight-color immunophenotyping on this device require validation by the user. Class 1 Laser Product.

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