

BD FACSVerserTM Flow Cytometer

Filter Guide

Dyes	Application	Filters	Mirrors
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1-laser, 4-color configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant TM Blue 515, Alexa Fluor [®] 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy TM 5.5, PE-Cy TM 5, 7-AAD	"	700/54	665 LP
PE-Cy TM 7	"	783/56	752 LP

2-laser, 6-color (4-2) configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor [®] 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy5.5, PE-Cy5, 7-AAD	"	700/54	665 LP
PE-Cy7	"	783/56	752 LP
633 nm			
APC, Alexa Fluor [®] 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	"	783/56	752 LP

3-laser, 8-color (4-2-2) configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor [®] 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy5.5, PE-Cy5, 7-AAD	"	700/54	665 LP
PE-Cy7	"	783/56	752 LP
633 nm			
APC, Alexa Fluor [®] 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	"	783/56	752 LP
405 nm			
BD Horizon TM V450, Pacific Blue TM , DAPI	Cell surface markers, live/dead discrimination, cell cycle	448/45	448/45
BD Horizon TM Violet Proliferation Dye 450, BD Horizon TM Fixable Viability Stain 450, BD Horizon Brilliant TM Violet 421			
BD Horizon TM V500, BD Horizon Brilliant TM Violet 510, AmCyan			
	Cell surface markers	528/45	500 LP

Optional Mirror - Filter Sets

Dyes	Cat. No.	Application	Filters	Mirrors
Alexa Fluor [®] 700	653446	Cell surface markers	720/30	705 LP
BD Horizon TM PE-CF594, PE-Texas Red [®]	653447	"	613/18	605 LP
GFP	653448	Protein expression	510/10	510/10
YFP	653449	"	545/20	535 LP

LP = Longpass Filter

Class 1 Laser Product.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

APC-Cy7: US Patent 5,714,386

Alexa Fluor[®] is a registered trademark and Pacific BlueTM is a trademark of Life Technologies Corporation.

CF is a trademark of Biotium, Inc.

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