

Dyes	Application	Filters	Mirrors
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3-laser, 9-color (4-2-3) configuration

488 nm

SSC	Side scatter	488/15	none
FITC, GFP, BD Horizon Brilliant Blue 515, Alexa Fluor® 488	Cell surface markers	527/32	507 LP
PE, PI	Cell surface markers, live/dead discrimination, cell cycle	586/42	560 LP
PE-Cy™5, PerCP, PerCP-Cy5.5, 7-AAD	Cell surface markers, live/dead discrimination, cell cycle	700/54	665 LP
PE-Cy7	Cell surface markers	783/56	752 LP

640 nm

APC, Alexa Fluor® 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	Cell surface markers	783/56	752 LP

405 nm

BD Horizon V450, Pacific Blue™, DAPI, BD Horizon Violet Proliferaton Dye 450, BD Horizon Fixable Viability Stain 450, BD Horizon Brilliant Violet 421	Cell surface markers, live/dead discrimination, cell cycle		448/45
BD Horizon™ V500, BD Horizon Brilliant™ Violet 510, AmCyan	Cell surface markers	528/45	500 LP
BD Horizon Brilliant™ Violet 786	Cell surface markers	none	755 LP

Optional mirror-filter sets

488 nm

GFP	Cell surface markers	510/10	510/10
YFP	Cell surface markers	545/20	535 LP
• BD Horizon PE-CF594, PE-Texas Red®	Cell surface markers	613/18	605 LP

640 nm

• Alexa Fluor® 700, APC-R700	Cell surface markers	720/30	705 LP
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405 nm

BD Horizon V500, BD Horizon Brilliant Violet 510, AmCyan	Cell surface markers	528/45	500 LP
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