

Optics

Laser excitation

Spatially separated:

405 nm, 65 mW

488 nm, 50 mW

640 nm, 72 mW

Emission detectors

FSC: 488/10 nm

SSC: 405/10 nm

B1: 525/50 nm

B2: 579/34 nm

B3: 615/20 nm

B4: 667/30 nm

B5: 725/40 nm

B6: 785/62 nm

V1: 450/50 nm

V2: 525/50 nm

V3: 579/34 nm

V4: 615/20 nm

V5: 667/30 nm

R1: 667/30 nm

R2: 725/40 nm

R3: 785/62 nm

Fluorescence sensitivity and resolution

MESFs (CV <5%):

FITC < 110

PE < 75

APC < 100