

Optics

Laser excitation

Spatially separated:

405 nm, 40 mW

488 nm, 30 mW

640 nm, 20 mW

Emission detectors

FSC: 488/10 nm

SSC: 488/10 nm

V1: 450/50 nm

V2: 525/50 nm

B1: 525/50 nm

B2: 585/40 nm

B3: 655/730 nm

B4: 750 nm LP

R1: 655–730 nm

R2: 750 nm LP

Fluorescence sensitivity and resolution

MESFs (CV <5%):

FITC <200

PE <100

APC <150