

Nikon 80i (upright) Available Filtersets

Position Number	Filter Cube	Excitation	Dichromatic Mirror Cut-on Wavelength	Emission (nm)	Dyes
1	Blank				
2	UV-2E/C	340-380nm CWL: 360nm	400nm	435-485nm CWL: 460nm	DAPI, Hoest 33258/33342, Cascade Blue
3	FITC HQ	465-495nm CWL: 480nm	505nm	515-555nm CWL: 535nm	FITC, Alexa 488
4	G-2E/C	528-553nm CWL: 540nm	565nm	590-650nm CWL: 620nm	TRITC, Rhodamine, Propidium Iodide, Alexa 546/555
5	Y-2E/C TR	540-580nm CWL: 560nm	595nm	600-660 nm CWL: 630nm	Texas Red, Alexa 594
6	Blank				