

Fluorochromes for Flow Cytometric Analysis

Fluorochrome	Excitation Max (nm)	Excitation Laser Lines (nm)	Emission Max (nm)	BD FACScan™	BD FACSCalibur™	BD FACSVantage™SE	BD LSRII™	BD FACSria™	Beckman Coulter® EPICS™XL/XL-MCL	Beckman Coulter® FC500	DakoCytomation CyAn™ ADP	DakoCytomation MoFlo®
Cascade Blue®	377	360, 405, 407	420			Blue	Blue	Blue			Blue	
Alexa Fluor® 405	401	360, 405, 407	421			Blue	Blue	Blue			Blue	
Pacific Blue™	410	360, 405, 407	455			Blue	Blue	Blue			Blue	
Alexa Fluor® 488	495	488	519	Green	Green	Green	Green	Green	Green	Green	Green	Green
FITC (fluorescein)	493	488	525	Green	Green	Green	Green	Green	Green	Green	Green	Green
PE (R-Phycoerythrin)	496, 565	488	575	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
PE/Texas Red®	496, 565	488	613	Orange		Orange	Orange	Orange	Orange	Orange	Orange	
APC (allophycocyanin)	645	595, 633, 635, 647	660		Red	Red	Red	Red		Red	Red	Red
Cy5	649	633, 635	666		Red	Red	Red	Red		Red	Red	Red
Alexa Fluor® 647	650	595, 633, 635, 647	668		Red	Red	Red	Red		Red	Red	Red
PE/Cy5	496, 565	488	670	Red	Red	Red	Red	Red	Red	Red	Red	Red
PerCP	482	488	675	Red	Red		Red	Red	Red	Red	Red	
APC/Cy5.5	650	595, 633, 635, 647	690		Far-Red	Far-Red	Far-Red	Far-Red		Far-Red	Far-Red	Far-Red
PE/Cy5.5	496, 565	488	690	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red
PerCP-Cy5.5	482	488	690	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red	Far-Red
APC/Cy7	650	595, 633, 635, 647	774			InfraRed	InfraRed	InfraRed			InfraRed	
PE/Cy7	496, 565	488	774	InfraRed	InfraRed	InfraRed	InfraRed	InfraRed	InfraRed	InfraRed	InfraRed	InfraRed
Viability Probe												
7-AAD (7-aminoactinomycin D)	546	488	647	Red	Red	Red	Red	Red	Red	Red	Red	Red
PI (Propidium Iodide)	305, 540	325, 360, 488	620	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange

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* These fluorochromes can be used as single color configurations or multi-colored configurations depending on instruments, available lasers and filters, and appropriate color compensation settings.

** These instruments are provided as general information. User must check instrument capability and choose appropriate setting.