

## Fluorescent Label Filter Reference Guide

Fluorescent Label	Excitation Peak (nm)	Excitation Filter (in vitro)	Excitation Filter (in vivo)	Emission Peak (nm)	Emission Filter (in vitro)	Emission Filter (in vivo)
mHoneydew	479	470/480	470/480	538	535	535
EGFP	488	470/480	470/480	508	535	535
DiO	490	470/480	470/480	507	535	535
Cy2	491	470/480	470/480	507	535	535
FITC	494	470/480	470/480	520	535	535
SYBR Green	494	470/480	470/480	521	535	535
SYBR Gold	495	470/480	470/480	539	535	535
Fluorescein	497	470/480	470/480	518	535	535
SYBR Safe	505	470/480	470/480	528	535	535
DiL	551	530/550	530/550	572	600	600
DsRed	553	530/550	530/550	585	600	600
Alexa 546	553	530/550	530/550	574	600	600
dTomato	554	530/550	530/550	581	600	600
RFP	554	530/550	530/550	582	600	600
Cy3	555	530/550	530/550	570	600	600
Alexa 555	555	530/550	530/550	570	600	600
Alexa 594	585	570	570	620	670	670
mPlum	587	590	590	650	670	670
mKate2	588	590	590	632	670	670
Texas Red	595	590	590	619	670	670
mGrape2	608	590	590	643	670	670
Katushka	590	590	590	650	670	670
DiD	647	630	630	668	700	700
Cy5	649	630	630	670	700	700
Alexa 647	649	630	630	670	700	700
Cy5.5	678	650	670	696	700	750
Alexa 680	679	650	670	702	700	750
DiR	750	720	730	782	790	790
Alexa 750	752	720	730	776	790	830
Cy7	755	720	730	778	790	830

