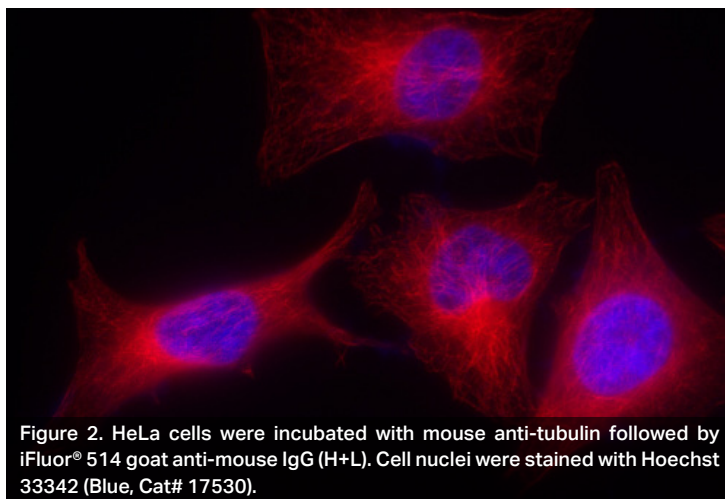
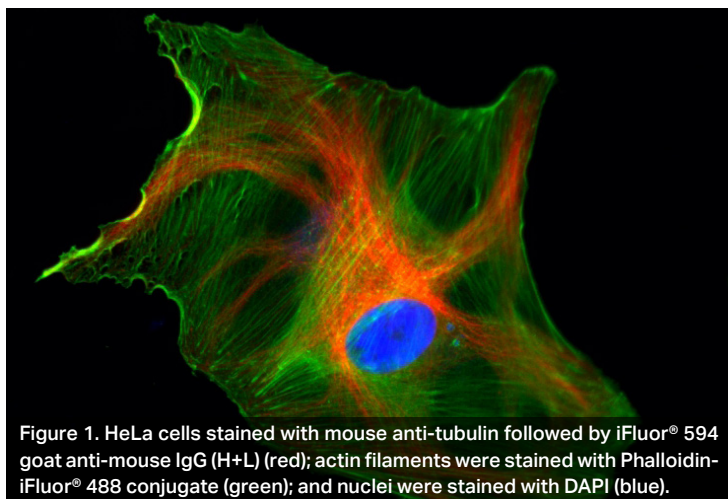


# ANTIBODY & PROTEIN LABELING SELECTION GUIDE

Fluorophore	Laser	Ex (nm)	Em (nm)	Brightness
Alexa Fluor® 350	350	343	441	2
AMCA	350	346	434	2
iFluor® 350	350	345	450	3
Marina Blue	350	362	459	2
iFluor® 405	405	403	427	4
Pacific Blue™	405	404	455	5
iFluor® 430	405	433	498	3
iFluor® 440	405	434	480	2
iFluor® 450	405	451	502	1
iFluor® 460	488	468	493	4
iFluor® 488	488	491	516	8
Oregon Green™ 488	488	496	524	7
Fluorescein	488	498	517	6
Alexa Fluor® 488	488	499	520	6
iFluor® 514	488	511	527	3
iFluor® 532	532	537	560	7
TRITC	532	540	565	6
iFluor® 546	532	541	557	7
Alexa Fluor® 555	561	553	568	5
Cy3	561	554	568	3
iFluor® 555	561	557	570	7
iFluor® 560	561	560	571	8
iFluor® 568	561	568	587	6
iFluor® Ultra 594	561	586	601	9
Texas Red®	561	586	603	2
iFluor® 594	561	588	604	5
Alexa Fluor® 594	561	590	618	4
iFluor® 597	561	598	618	3
iFluor® 610	561	610	628	4
iFluor® 633	640	640	654	9
Alexa Fluor® 647	640	650	671	9
Cy5	640	650	669	7
iFluor® Ultra 647	640	655	670	7
iFluor® 647	640	656	670	5
iFluor® 660	640	663	678	3
iFluor® 665	640	667	692	2
iFluor® 670	640	671	682	4
Alexa Fluor® 680	640	681	704	3

Fluorophore	Laser	Ex (nm)	Em (nm)	Brightness
iFluor® 680	640	684	701	2
iFluor® 690	640	685	704	3
iFluor® 700	640	690	713	3
Alexa Fluor® 700	640	696	719	3
iFluor® 720	750	716	740	1
iFluor® 710	750	717	739	4
iFluor® 740	750	742	764	5
iFluor® Ultra 750	750	749	773	10
Alexa Fluor® 750	750	752	776	5
Cy7	750	754	778	9
iFluor® 750	750	757	779	4
iFluor® A7	750	762	782	3
iFluor® 770	750	777	797	3
iFluor® 780	750	784	808	3
iFluor® 790	750	787	812	2
Indocyanine Green	750	788	813	1
iFluor® 800	750	801	820	1
iFluor® 810	750	811	822	1
iFluor® 820	750	822	850	1
iFluor® 830	750	830	867	1
iFluor® 840	750	836	879	1
iFluor® 860	750	853	878	1

\* Brightness scale is 1 (dimpest) to 10 (brightest), as a relative comparison of all included dyes. Brightness is computed as a function of extinction coefficient, quantum yield, and correction factor.



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