

Fluorophore Brightness Index

Fluorophore	Ex (nm)	Em (nm)	Filter	Brightness
Brilliant Violet 421™	405	421	450/50	5
PE	496, 565	575	585/40	5
APC	650	660	660/20	5
PE/Cy5	496, 565	670	660/20	5
Brilliant Violet 605™	405	603	610/20	4
Alexa Fluor® 647	650	668	660/20	4
PE/Cy7	496, 565	774	780/60	4
Brilliant Violet 711™	405	711	710/50	3
Brilliant Violet 650™	405	645	660/20	3
Brilliant Violet 510™	405	510	510/50	3
PerCP/Cy5.5	482	690	695/40	3
Brilliant Violet 785™	405	785	780/60	3
Alexa Fluor® 488	495	519	530/30	3
FITC	493	519	530/30	3
Brilliant Violet 570™	405	570	585/42	2-3
PerCP	482	675	695/40	2
APC/Cy7	650	774	780/60	2
Alexa Fluor® 700	696	719	720/45	2
Pacific Blue™	410	455	450/50	1

The Fluorophore Brightness Index Score is a relative indication of fluorescence intensity above the background for each fluorophore antibody conjugation (1=dim, 5=brightest). These values can differ depending upon the flow cytometer, the instrument filters and settings, laser power, the antibody clone and the antigen target, f/p ratios, the buffer conditions, etc.

For questions or assistance, contact Technical Service at techserv@biolegend.com or 1-858-768-5801 (international) or 1-877-273-3103 (US/Canada toll-free).

Brilliant Violet™ is a trademark of Sirigen Group Ltd. Alexa Fluor® is registered trademark and Pacific Blue™ is a trademark of Molecular Probes, Inc. Cy™, including Cy3, Cy5, Cy5.5 and Cy7, is a trademark of Amersham Biosciences Ltd.