

Brilliant Violet 510™

Antibody Conjugates

Complete Brilliance for the Violet Laser

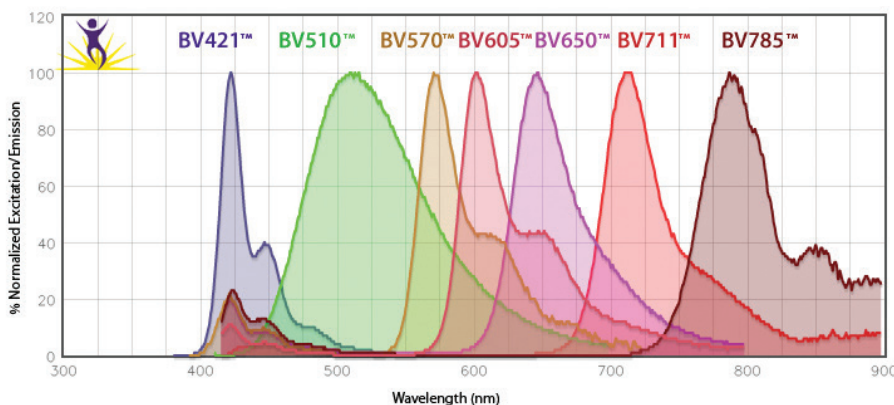
BioLegend now delivers a full line of seven Brilliant Violet™ fluorophores for the violet laser

- Excellent signal-to-noise
- Intracellular staining compatible, non-nanocrystal
- No special buffers required
- Extensive selection
- Ready-to-use, simple integration into existing panels

Brilliant Violet 510™ is a novel non-tandem polymer that serves as a brighter alternative to Pacific Orange™ and BD Horizon™ V500, providing improved resolution of positive populations.

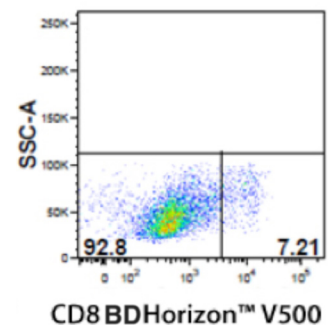
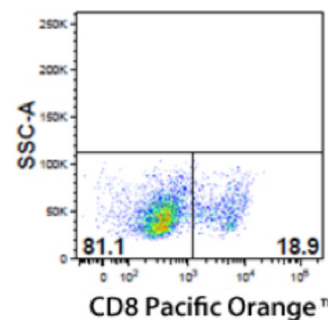
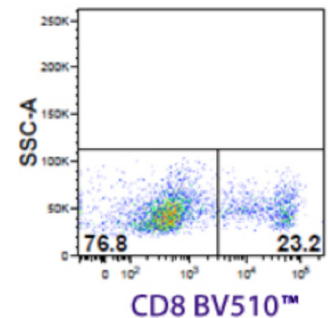
Now, with seven distinct emission fluorophores conjugated to a wide selection of anti-human and mouse antibodies, the violet laser has fully become a brilliant tool for multicolor flow cytometry.

Emission Spectra of Brilliant Violet™ Fluorophores

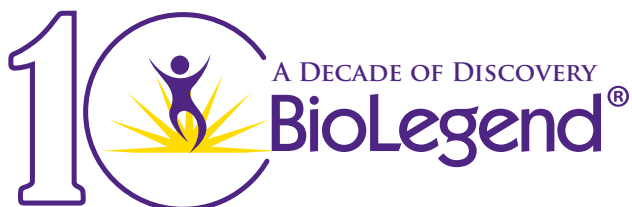


Compare the excitation/emission spectral data of Brilliant Violet™ with other fluorophores on our Fluorescence Spectra Analyzer: [biolegend.com/spectraanalyzer](https://www.biolegend.com/spectraanalyzer)

Brilliant Resolution



Human PBMCs were stained with CD8 (clone RPA-T8) Brilliant Violet 510™, Pacific Orange™, or BD Horizon™ V500. Data shown are from the optimal dilution for each conjugate. Data provided by Axel Schulz, Charité – University Medicine Berlin.



Brilliant Violet 510™ Conjugated Antibodies

Product List

Brilliant Violet 510™			
Specificity	Clone	Cat. No.	Size
Human			
CD3	OKT3	317331	25 tests
CD4	OKT4	317443	25 tests
CD8a	RPA-T8	301047	25 tests
CD11b	M1/70	101245	125 µl
CD14	M5E2	301841	25 tests
CD15	W6D3	323207	25 tests
CD16	3G8	302047	25 tests
CD19	HIB19	302241	25 tests
CD27	O323	302835	25 tests
CD44	IM7	103043	125 µl
CD45	HI30	304035	25 tests
CD45RA	HI100	304141	25 tests
CD45R/B220	RA3-6B2	103247	125 µl
CD56 (NCAM)	HCD56	318339	25 tests
IFN-γ	4S.B3	502543	25 tests
IgD	IA6-2	348219	25 tests
IgM	MHM-88	314521	25 tests

Brilliant Violet 510™			
Specificity	Clone	Cat. No.	Size
Mouse			
CD3	17A2	100233	125 µl
CD4	RM4-5	100553	125 µl
CD8a	53-6.7	100751	125 µl
CD11b	M1/70	101245	125 µl
CD44	IM7	103043	125 µl
CD45	30-F11	103137	125 µl
CD45R/B220	RA3-6B2	103247	125 µl

Brilliant Violet 510™			
	Clone	Cat. No.	Size
Isotype Controls			
Mouse IgG1, κ	MOPC-21	400171	25 tests
Mouse IgG2a, κ	MOPC-173	400267	25 tests
Rat IgG2a, κ	RTK2758	400547	125 µl
Rat IgG2b, κ	RTK4530	400645	125 µl

Brilliant Violet™, Brilliant Violet 510™, and BV510™ are trademarks of Sirigen Group Ltd.
BD Horizon™ V500 is a trademark of Becton, Dickinson and Company.
Pacific Orange™ is a trademark of Invitrogen/Molecular Probes.



Kelly Lundsten



Scan this QR code to view Brilliant Violet™ Webinar,
Multicolor Flow Cytometry: The Brilliant Violet™ Family of
Fluorophores - "Multicolor Qi".

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