

New Product Announcement

Brilliant Violet 605™ | Brilliant Violet 650™

Expanding Versatility for Multi-Color Flow Cytometry

Welcome to the Brilliant Violet™ family

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

Brilliant Violet 605™ and Brilliant Violet 650™ are two new additions to the Brilliant Violet™ family of novel violet laser-excitable polymers, joining Brilliant Violet 421™ and Brilliant Violet 570™.

Based on the principles of High Sensitivity Fluorescence™ developed by Sirigen, BioLegend now brings to you exceptionally bright antibody conjugates, expanding the options and utility of the violet laser in multicolor flow cytometry. With BioLegend's commitment to accelerating research, we will be greatly expanding the number of antibody specificities for both BV605™ and BV650™ in the months to come.

Stain Indexes shown are at optimal concentrations.

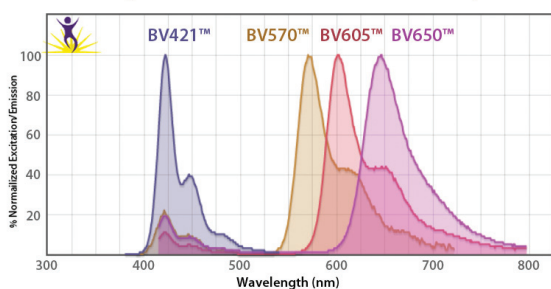
Stain Index of BV605™ versus competitor

Specificity/Clone	Fluorochrome	Laser Excitation	Filter	Stain Index
CD8/RPA-T8	Brilliant Violet 605™	405 nm	605/12	176
CD8/RPA-T8	eFluor® 605	405 nm	605/12	15

Stain Index of BV650™ versus competitor

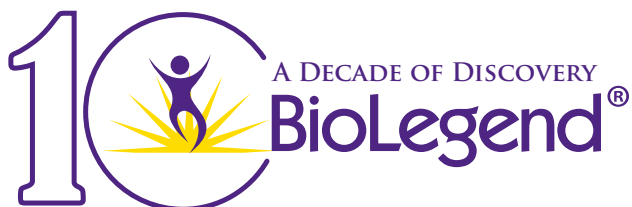
Specificity/Clone	Fluorochrome	Laser Excitation	Filter	Stain Index
CD8/RPA-T8	Brilliant Violet 650™	405 nm	660/20	225
CD8/RPA-T8	eFluor® 650	405 nm	660/20	19

Emission spectra of the Brilliant Violet™ fluorophores

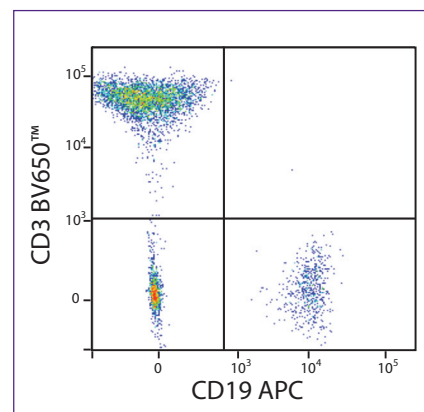
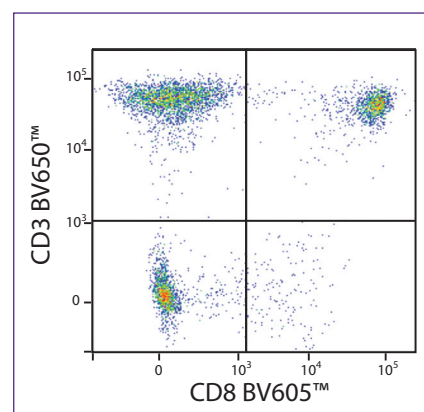


Compare the excitation/emission spectral data of Brilliant Violet™ with other fluorophores on our Fluorescence Spectra Analyzer: biolegend.com/spectraanalyzer

Learn more at: biolegend.com/brilliantviolet



Brilliant Resolution



RBC-lysed human whole blood cells were stained with CD3 BV650™ and CD8 BV605™ (top) or CD3 BV650™ and CD19 APC (bottom). The data shows clear separation of positive and negative populations using BV605™ and BV650™ conjugates and demonstrates that these fluorophores can be used together in multicolor panels.

Powered by  Sirigen

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Brilliant Violet™ Conjugated Antibodies

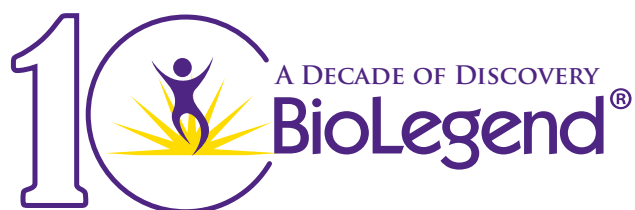
For the latest product updates and product information, visit: biolegend.com/brilliantviolet

Product List

Brilliant Violet 605™			
Specificity	Clone	Cat. No.	Size
anti-human CCR6	G034E3	353419	25 tests
anti-human CCR7	G043H7	353223	25 tests
anti-human CD3	OKT3	317321	25 tests
anti-human CD8a	RPA-T8	301039	25 tests
anti-human CD14	M5E2	301833	25 tests
anti-human CD20	2H7	302333	25 tests
anti-human CD25	BC96	302631	25 tests
anti-human CD45RA	HI100	304133	25 tests
anti-human CD56 (NCAM)	HCD56	318333	25 tests
anti-human CD80	2D10	305225	25 tests
anti-human CD161	HP-3G10	339915	25 tests
anti-human CD279 (PD-1)	EH12.2H7	329923	25 tests
anti-human IFN-γ	4S.B3	502535	25 tests
anti-human IL-2	MQ1-17H12	500331	25 tests
anti-mouse CD4	RM4-5	100547	25 tests
anti-mouse CD11b	M1/70	101237	25 tests
anti-mouse CD25	PC61	102035	25 tests
anti-mouse CD62L	MEL-14	104437	25 tests
anti-mouse CD80	16-10A1	104729	25 tests
anti-mouse CD279 (PD-1)	29F.1A12	135219	25 tests
anti-mouse IL-17A	TC11-18H10.1	506927	25 tests
anti-mouse TNF-α	MP6-XT22	506329	25 tests
Mouse IgG1, κ Isotype Ctrl	MOPC-21	400161	25 tests
Rat IgG2a, κ Isotype Ctrl	RTK2758	400539	25 tests

Brilliant Violet 650™			
Specificity	Clone	Cat. No.	Size
anti-human CD3	OKT3	317323	25 tests
anti-human CD8a	RPA-T8	301041	25 tests
anti-human CD16	3G8	302041	25 tests
anti-human CD19	HIB19	302237	25 tests
anti-human CD27	O323	302827	25 tests
anti-human CD45RA	HI100	304135	25 tests
anti-human CD86	IT2.2	305427	25 tests
anti-human CD127 (IL-7Ra)	A019D5	351325	25 tests
anti-human IFN-α	4S.B3	502537	25 tests
anti-mouse CD4	RM4-5	100545	25 tests
anti-mouse CD8a	53-6.7	100741	25 tests
anti-mouse CD11b	M1/70	101239	25 tests
anti-mouse CD25	PC61	102037	25 tests
anti-mouse CD45.1	A20	110735	25 tests
anti-mouse CD86	GL-1	105035	25 tests
anti-mouse IFN-γ	XMG1.2	505831	25 tests
anti-mouse IL-17A	TC11-18H10.1	506929	25 tests
anti-mouse/human Helios	22F6	137225	25 tests
Mouse IgG1, κ Isotype Ctrl	MOPC-21	400163	25 tests
Rat IgG2a, κ Isotype Ctrl	RTK2758	400541	25 tests

Brilliant Violet™, Brilliant Violet 605™, Brilliant Violet 650™, BV605™, BV650™, and High Sensitivity Fluorescence™ are trademarks of Sirigen Group Ltd.
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