

# 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™.

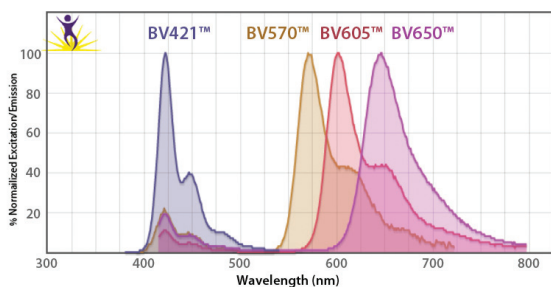
Based on the principles of High Sensitivity Fluorescence™ developed by Sirigen, BioLegend now brings to you exceptionally bright antibody conjugates, expanding the options and utility of the violet laser in multicolor flow cytometry. With BioLegend's commitment to accelerating research, we will be greatly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

Stain Indexes shown are at optimal concentrations.

| 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          |

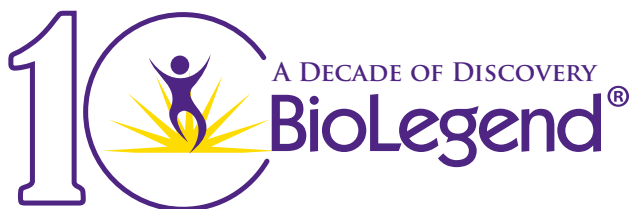
| Stain Index of BV650™ versus competitor |                       |                  |        |             |
|-----------------------------------------|-----------------------|------------------|--------|-------------|
| Specificity/Clone                       | Fluorochrome          | Laser Excitation | 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

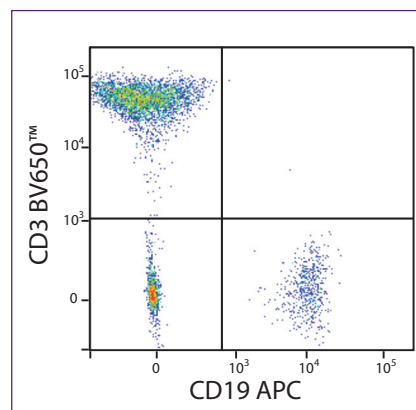
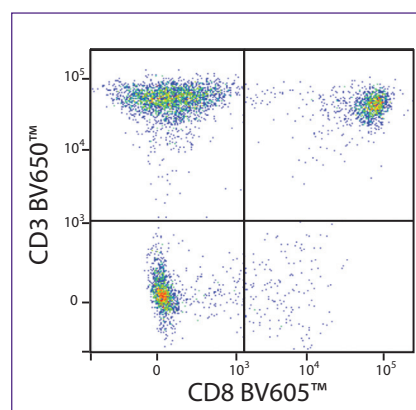


Compare the excitation/emission spectral data of Brilliant Violet™ with other fluorophores on our Fluorescence Spectra Analyzer: **[biolegend.com/fluorescence-spectra-analyzer](https://www.biolegend.com/fluorescence-spectra-analyzer)**

[www.ozyme.fr/brilliant-violet](http://www.ozyme.fr/brilliant-violet)



## 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.



World-Class Quality | Superior Customer Support | Outstanding Value

# Brilliant Violet™ Conjugated Antibodies

## 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-7Rα)  | A019D5       | 351325   | 25 tests |
| anti-human IFN-γ           | 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 |

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