

So Bright, It's Brilliant

Brilliant Violet 421™ Antibody Conjugates

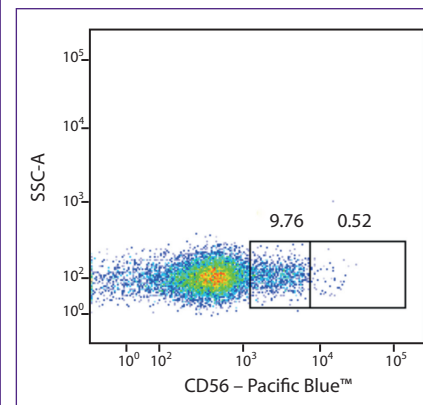
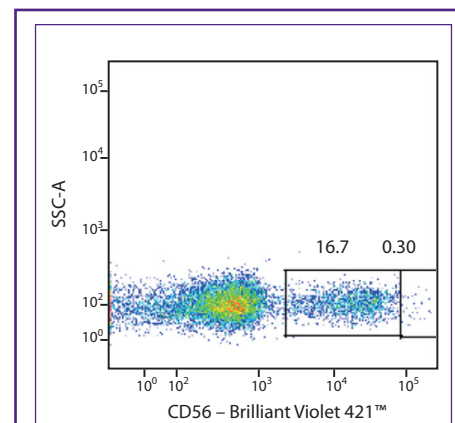
- Extremely Bright
- Stable to Fixation
- Effective for Surface and Intracellular Antigens
- Exceptional Photostability
- No Special Disposal Requirements
- Discrete Excitation/Emission
- Nontoxic - for Sorting or Live Cell Imaging
- Effective Across a Wide pH Range
- No Special Buffers Required
- Large Selection of Antibody Specificities
- Excellent Value per test

Brilliant Performance

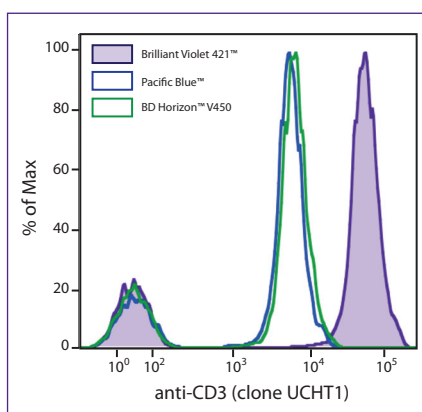
Brilliant Violet™ fluors are a new family of novel polymer-based fluorophores, developed from Nobel Prize-winning chemistry¹ that will revolutionize flow cytometry. Excitable with the violet laser at 405 nm wavelength, these reagents bring dramatic improvements in brightness and signal-to-noise over the current choices for the violet laser.

The first in the series, Brilliant Violet 421™, can increase assay sensitivity by logarithmic orders of magnitude without increasing background or spill-over, making it ideal for detecting rare cell populations and weakly expressed cell markers. It brings R-phycoerythrin-level brightness to the violet laser, making it a new first choice for antibody conjugates and greatly expanding the utility of the violet laser in today's flow cytometers. Furthermore, it is exceptionally photostable, enabling the visualization of antigens with directly conjugated antibodies for multicolor microscopy applications.

1. The Nobel Prize in Chemistry, 2000: A. Heeger, A.G. MacDiarmid, H. Shirakawa.



Human PBMCs were stained with Brilliant Violet 421™ anti-human CD56 or Pacific Blue™ anti-human CD56.



Stain Index			
Specificity/ Clone	Fluorochrome	Laser Excitation	Stain Index
CD3/UCHT1	Brilliant Violet 421™	405 nm	262
CD3/UCHT1	PE	561 nm	170
CD3/UCHT1	Pacific Blue™	405 nm	59
CD3/UCHT1	BD Horizon™ V450	405 nm	56

Powered by  Sirigen

 BioLegend

The path to legendary discovery™



WORLD-CLASS QUALITY — SUPERIOR CUSTOMER SUPPORT — OUTSTANDING VALUE

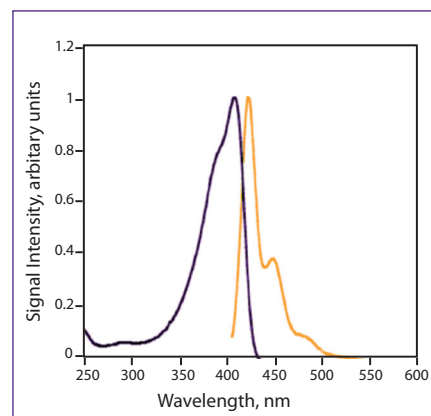
Brilliant Violet™ Conjugated Antibodies

Brilliant Chemistry

The Brilliant Violet™ family of fluorescent molecules are organic polymers with an extraordinary capacity to absorb energy and a high efficiency with which to convert that absorbed energy to an emitted signal. When conjugated to antibodies, this results in high intensity brightness on labeled cells.

Brilliant Choice

Brilliant Violet™ antibodies are simple to use, compatible with standard staining buffers, and stable to fixation. With many antibody specificities available and many more to come, Brilliant Violet 421™ is the new choice for getting consistently superior results for all of your data.



With a narrow emission spectrum, Brilliant Violet 421™ requires less compensation into the AmCyan detector than Pacific Blue™.



More Brilliant Violet 421™
conjugates released each month

100+ specificities now available



Brilliant Violet™ and Brilliant Violet 421™ are trademarks of Sirigen.
Pacific Blue™ is a trademark of Invitrogen/Molecular Probes.
BD Horizon™ V450 is a trademark of BD Biosciences.

Expand your multi-color capabilities!



Watch the video tutorial on-line and
learn more about Brilliant Violet™.

Pour en savoir plus et liste des produits

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