

# StarBright™ Dyes

## Flow Cytometry Antibodies

**BIO-RAD**

StarBright™ Dyes have been meticulously designed for stability, offering superior brightness, narrow excitation and emission characteristics, and flexibility to be seamlessly integrated into both new and existing experiments. This enhanced resolution of specific cell populations minimises spillover and spreading, enabling you to effortlessly construct larger and more precise panels.

Conjugated to highly cited immunology antibodies, StarBright™ Dyes are a great addition to Bio-Rad's range of fluorescent dyes available for ultraviolet, violet, blue, red, and yellow lasers suitable for use on all cell sorters, cell analysers, and spectral instruments.

## Why choose StarBright™ Dyes?

### Exceptional Brightness

- Designed to be as bright as or brighter than other dyes
- Allows detection of rare and low antigen-density populations
- Excellent separation of positive from negative populations

Contact your Lasec® Sales Representative for more information

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## Narrow Excitation and Emission

- Narrow emission spectra to minimise spillover
- Reduced excitation by other common laser lines
- Ideal for use in multicolour panels

## Flexible to Work in All Buffers

- Performs consistently regardless of staining buffer
- No need for a special staining buffer when multiplexing
- Provides bright and reliable staining even with special buffers

## Compatible with All Instruments and Reagents

- Suitable for cell analysis or sorting on various instruments
- Compatible with all fluorescently labelled antibodies
- Can be added to premixed cocktails without experimental changes
- Ideal for spectral flow cytometry panels with novel dye combinations

## Consistent Staining

- Minimal lot-to-lot variability
- Consistent staining and population identification
- Resistant to photobleaching and stable over time
- Can be fixed without a drop in signal or spectral changes
- Premixable for up to 28 days without loss of performance

## Used On Common Immunophenotyping Targets

- Available as directly conjugated antibodies
- Validated for flow cytometry to detect human and mouse targets
- Includes streptavidin for binding to biotinylated antibodies
- Well-known clones with high citation rates, ensuring confidence in experiments

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