



Super Bright antibody conjugates for flow cytometry— Bright polymer dyes for the violet laser



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Biography: Castle is a Senior Manager of R&D at Thermo Fisher Scientific. She leads a team of R&D scientists responsible for the development of new dyes and novel assays for flow cytometry. The products and assays developed by her team enable multi-dimensional analysis of the proteins and RNA expressed by individual cells within complex, heterogeneous samples. Castle received her PhD in Environmental and Molecular Toxicology from Oregon State University.

Abstract

The Invitrogen™ eBioscience™ Super Bright polymer dyes represent a suite of bright fluorophores excited by the violet laser (405 nm). Optimized for use in flow cytometry, Super Bright antibody conjugates allow for expanded use of violet laser excitation and due to their inherent brightness, detection of cell populations with low abundance targets is possible. Data using the Super Bright conjugates will be presented in multicolor applications.