

SAVE 30%

on flow cytometry antibodies & primary antibodies

Promotion period: now till Dec 31, 2023
 Promotion code: P4977936

Count on Invitrogen antibodies

>18,000 Antibodies for flow cytometry

80 fluorophores conjugated to flow cytometry antibodies, including Invitrogen™ Novafluor™ dyes, Invitrogen™ Brilliant Ultra Violet™ dyes, and Brilliant Violet™ dyes

Brilliant Violet /Brilliant Ultra Violet polymer dyes conjugated to eBioscience antibodies
 — new expansion to push your panel design beyond its current limit

Invitrogen™ Brilliant Ultra Violet™ (BUV) dyes and Brilliant Violet™ (BV) dyes use polymer technology to absorb energy and emit light signal. Both are compatible with both spectral as well as traditional flow cytometry.

Why you should use our antibodies conjugated to polymer dyes (BUV dyes, BV dyes and Super Bright dyes)?

- Comprehensive, full menu of BUV, BV, and Super Bright Dyes for numerous extracellular and intracellular targets

- Enables full use of UV and Violet detector channels, excellent performance in high-parameter panels and compatibility with other fluorochromes
- Enhanced brightness and stability with reduced compensation issues, and compatible with spectral instruments
- Free expert panel design service available, or make your own panels with our intuitive panel builder

Learn more at thermofisher.com/buv

Dye	Initial brightness (out of 5 maximum)	Laser (nm)	Excitation max (nm)	Emission max (nm)	Suggested bandpass filter
Brilliant Violet Dyes					
Brilliant Violet 421	4	Violet (405 nm)	407	423	450/50
Brilliant Violet 480	3	Violet (405 nm)	440	479	525/40
Brilliant Violet 650	2	Violet (405 nm)	407	649	660/20, 630 LP
Brilliant Violet 711	4	Violet (405 nm)	407	713	710/50, 690 LP
Brilliant Violet 786	3	Violet (405 nm)	407	786	780/60, 750 LP
Brilliant Ultra Violet Dyes					
Brilliant Ultra Violet 395	3	Ultraviolet (355 nm)	350	395	379/28
Brilliant Ultra Violet 496	2	Ultraviolet (355 nm)	350	496	515/30, 450 LP
Brilliant Ultra Violet 563	4	Ultraviolet (355 nm)	350	564	Instruments with yellow-green (561 nm) laser: 585/15, 535 LP without yellow-green: 560/40, 535 LP
Brilliant Ultra Violet 615	3	Ultraviolet (355 nm)	350	616	610/20, 595 LP
Brilliant Ultra Violet 661	4	Ultraviolet (355 nm)	350	660	670/25, 630 LP
Brilliant Ultra Violet 737	4	Ultraviolet (355 nm)	350	737	740/35
Brilliant Ultra Violet 805	3	Ultraviolet (355 nm)	350	805	820/60 or 780/60

*Terms and conditions: This promotion is open to qualified academic end users in Hong Kong who purchase primary antibodies from Life Science Division. Offer is not available on reserve material. Offer will apply to qualifying orders received by Life Technologies Limited from Feb 20 to December 31, 2023 (unless otherwise noted), or until supplies are depleted, whichever comes first. This promotion cannot be combined with other discounts or promotions. All offers are void where prohibited by laws or regulation or agency/institutional policy. Life Technologies Limited reserves at its sole discretion to determine the eligibility to receive the special offer.

Life Technologies Limited

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NovaFluor Dyes conjugated antibodies

— add markers with minimal impact to compensation

NovaFluor dyes are designed with narrow excitation for minimal cross-laser excitation for spectral and traditional flow cytometry to deliver high resolution.

Benefits to adding NovaFluor dyes include:

- **Easy to add** to existing panels, compatible in all sized panels for conventional and spectral flow cytometry
- **Designed for minimal cross-laser excitation**, minimal impact to compensation and decreased spillover spread for higher resolution
- **Narrow excitation spectra** enable more fluorophores per panel
- **Unique spectral signatures** for spectral flow cytometry
- **Stable dyes** that can be stored long-term without losing fluorescence as compared to tandem dyes

Legacy panel = 12 colors

VL1	VL2	VL3	VL4	BL1	BL2	BL3	YL1	YL2	YL3	YL4	RL1	RL2	RL3
440/50	512/25	603/48	710/50	530/30	590/40	695/40	585/16	620/15	695/40	780/60	670/14	720/30	780/60
Super Bright™ 436	LIVE/DEAD™ Aqua	Super Bright™ 600	Super Bright™ 702	FITC	PE-Alexa Fluor™ 610	PerCP-Cy5.5	PE	PE-eFluor™ 610	PE-Cyanine5.5	PE-Cyanine7	APC	Alexa Fluor™ 700	APC-eFluor™ 780
CD8	Viability	CD19	CD25	CD4		CD3	CCR7	CD127		CD27	CD56	CD16	CD45RA

NovaFluor dyes + legacy panel = 14 colors – addition of CXCR4 & CD28

VL1	VL2	VL3	VL4	BL1	BL2	BL3	YL1	YL2	YL3	YL4	RL1	RL2	RL3
440/50	512/25	603/48	710/50	530/30	590/40	695/40	585/16	620/15	695/40	780/60	670/14	720/30	780/60
Super Bright™ 436	LIVE/DEAD™ Aqua	Super Bright™ 600	Super Bright™ 702	NovaFluor™ Blue 530	NovaFluor™ Blue 610/705	NovaFluor™ Blue 660/120S	PE	NovaFluor™ Yellow 610	NovaFluor™ Yellow 660	PE-Cyanine7	NovaFluor™ Red 660	NovaFluor™ Red 710	APC-eFluor™ 780
CD127	Viability	CD56	CD25	CD4	CD27	CD19	CCR7	CD3	CD8	CXCR4	CD16	CD28	CD45RA

Two multicolor flow cytometry panels designed for the Attune NxT Flow Cytometer. By including NovaFluor dyes in the panel (lower section of the table above), researchers are able to collect data on an additional 2 markers. Replacement with specific NovaFluor dyes removed cross-laser excitation, allowing for full use for blue and yellow laser.

Learn more at thermofisher.com/novafluor

Flow Cytometry Panel Builder

Use the Invitrogen™ Flow Cytometry Panel Builder to easily design your next flow cytometry panel.

- **Intuitive** — simple and easy to use
- **Adaptive** — copy and paste antigens to the Panel Builder and auto-select fluorophores
- **Visual** — select fluorophores using visualization of spectra
- **Compatible** — Experiments designed for both conventional and spectral flow cytometers

Try it for yourself at thermofisher.com/flowpanel



Free Panel Design Service

Our free Panel Design Service connects you to a team of scientists that will provide you with specialized expert support when building or optimizing your multicolor panel.

- Reviewed by at least two scientists.
- Support both conventional as well as spectral flow cytometry panels.
- No product purchase necessary to use this service.



Scan QR code to submit your request for panel design service.

Bigfoot Spectral Cell Sorter

- **High-end configurations** - up to nine lasers and 60 detectors.
- **High performance & throughput** - with sort rates >70,000 EPS; from four-way sorting into 96-well plates, multi-way sorting into 384-well plates, or straight-down sorting into 1,536-well plates.
- **Integrated biocontainment and aerosol management**
- **Choice of conventional compensation or spectral analysis**

Learn more at thermofisher.com/bigfoot

