

Ultra-Bright R-PE for High-Sensitivity Detection

Streptavidin-RPE Conjugate

Catalogue No. 1SA

High-performance SA-R-PE conjugate delivering bright, stable fluorescence for flow cytometry, immunoassays, and bioanalytical applications.



Consistent lot-to-lot quality



Superior signal intensity



High biotin affinity



High purity



Expert technical support for assay optimization



FEATURES

- 1 Excellent fluorescence brightness
- 2 High signal-to-noise ratio (S/N ratio)
- 3 Expert technical support for assay optimization
- 4 Scalable, high-yield production (up to 100 g)
- 5 Trusted manufacturer supplying global companies for over two decades

Purity

≥99.2%

Quantum Yield

~0.84

Aggregates

≤0.3%

F/P Ratio

3.5

Endotoxin

<0.1 EU/mL

Shelf Life

12 mo.

★ Very High Brightness Index



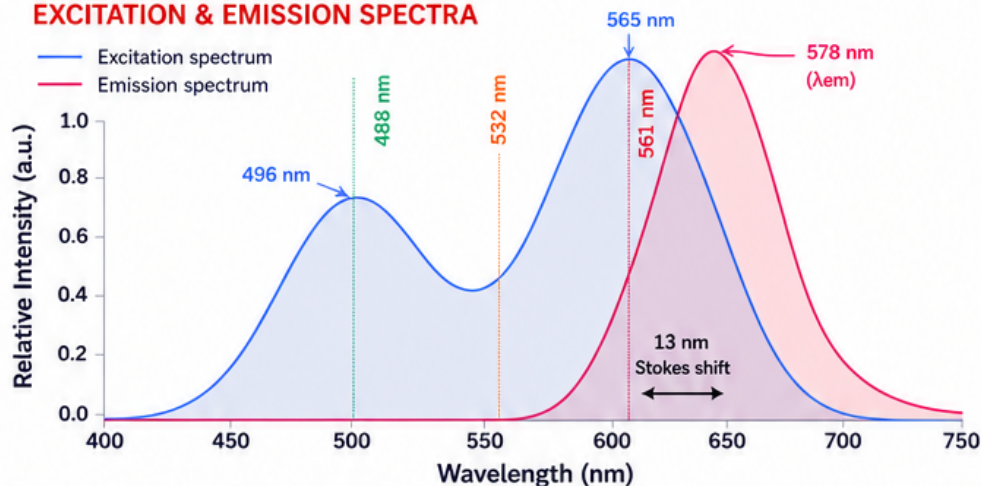
Request an Evaluation Sample Today

Validate performance in your own assay conditions

Contact us at flogensales@febico.com.tw

or discover our full portfolio at www.flogen.com.tw

EXCITATION & EMISSION SPECTRA



λ_{ex} (primary)

565 nm

λ_{ex} (secondary)

496 nm

λ_{em} (emission max)

578 nm

Extinction Coefficient

$1.96 \times 10^6 \text{ M}^{-1} \cdot \text{cm}^{-1}$ at 565 nm

Brightness Index

Very High

★ Optimized for 488 nm & 561 nm laser systems

Data represent typical lot values. Spectra normalized to 1.0 (a.u.).
Quantum yield measured vs. fluorescein standard (QY = 0.92) in PBS pH 7.4.



ISO 9001



OEM & BULK SUPPLIES



MADE IN TAIWAN