

General Data

Molecular Mass: ~ 243 kDa (average)

Form: Supplied in 150 mM phosphate buffer pH 7.4 containing < 0.1% sodium azide

Storage: Store in absence of light at +4°C. Do not freeze.

Description

- **Seta-R-PE-775** is an extremely bright and photostable tandem conjugate between R-PE and a NIR red dye
- Comparable tandems: PE-Cy7, PC7, PE-Vio770

Applications

- Flow Cytometry
- Immunofluorescence

Advantages

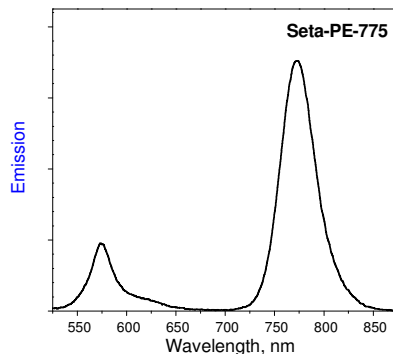
- Perfectly suited for excitation with the 488 nm, 532 nm and 561 nm diode laser
- Low unspecific staining

Spectral Data

Solvent System: phosphate buffer pH 7.4

Sample	Absorption max. [nm]	Extinction Coefficient at 488 nm [$M^{-1} \cdot cm^{-1}$]	Absorption max. [nm]	Extinction Coefficient at 653 nm [$M^{-1} \cdot cm^{-1}$]	Emission ¹ max. [nm]
Seta-R-PE-775	488	1.1×10^6	755	1×10^6	575, 774

¹ Excitation at 488 nm



Emission spectrum of **Seta-R-PE-775** in phosphate buffer, pH 7.4 (Excitation at 488 nm)

Storage and Guarantee

This product should be stored in absence of light at +4 °C. This product is guaranteed to be stable for 6 months from the date of purchase. Prepare the tandem-stock solution for labeling shortly before use. Do not expose dye solutions for an extended period of time (hours) to light.