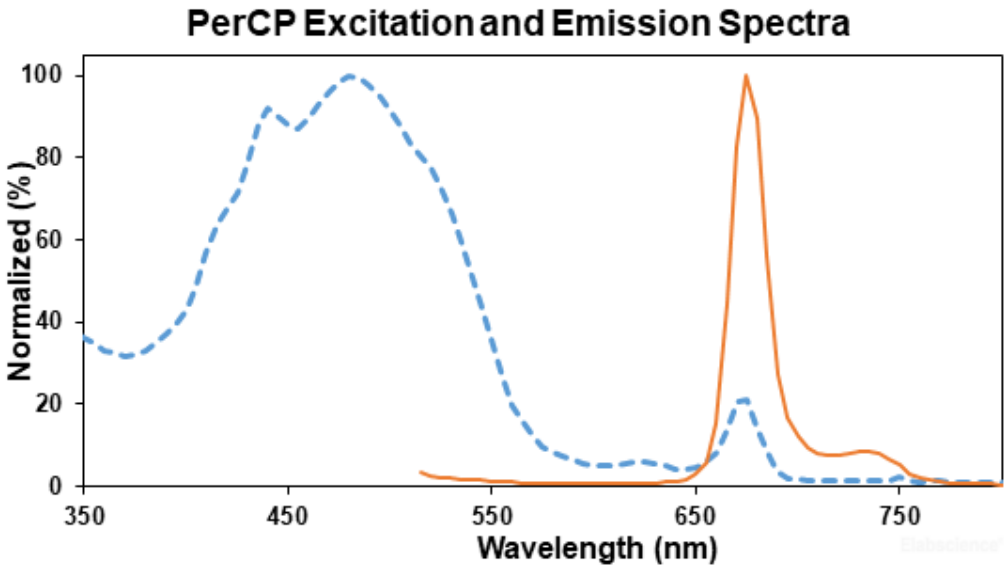
SMCC Activated PerCP

Cat. No: E-FN-S104

Size: 100μg / 500μg

Technical Information

Description	PerCP (Peridinin-chlorophyll-protein complex) is isolated from Dinophyceae sp. It has a high quantum efficiency and a large Stokes shift. It is well excited at 488 nm with its maximum emission peak at 677nm. PerCP protein is commonly used for fluorescent immunolabeling, particularly in applications involving fluorescent-activated cell sorting. Its cyanine tandem conjugates (such as PerCP-Cy5.5) can be excited with a standard 488 nm laser and emits in the far red at a longer wavelength for multicolor flow cytometric analysis of cells. These multiple emission wavelengths make PerCP- Cyanine conjugates potentially useful fluorochromes for multicolor analysis.
Form	Lyophilized
Molecular Weight	35 kDa
Absorption Maximum	477 nm
Emission Maximum	678 nm
Extinction Coefficient	$4.06\times10^{5}cm^{-1}M^{-1}$
Reconstitute	Reconstitute whole bottle of SMCC-PerCP with your conjugate buffer to adjust the concentration for further use.
Buffer	Lyophilized SMCC-PerCP powder is prepared in 10 mM K-P buffer with sugar as additive. No ammonium sulfate or other material that may interfere conjugation is contained in this product.
Spectra	

Storage	-20°C, shading light
Shipping	Blue ice
Expiration date	6 months

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