Fax: 1-832-243-6017



A Reliable Research Partner in Life Science and Medicine

## **APC** (Allophycocyanin)

Cat. No: E-FN-N103

Size: 1mg/5mg

## **Technical Information**

**Description** APC is a phycobiliprotein purified from a specises of blue green algae. APC is supplied in 100

mM potassium phosphate buffer, pH7.0 with 60% saturated (NH4)2SO4, 1 mM EDTA, and 1

mM Sodium Azide.

Form Liquid
Molecular Weight 105 kDa
Absorption Maximum 651 nm
Emission Maximum 662 nm
Extinction Coefficient 7.0×10<sup>5</sup>cm<sup>-1</sup>M<sup>-1</sup>

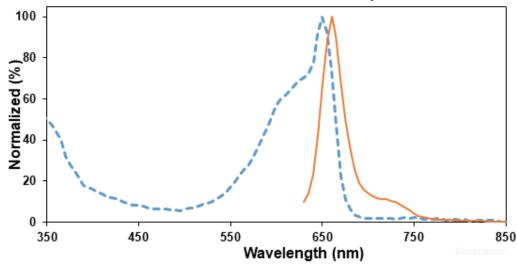
Quantum Yield 0.680

**Instruction** Mix thoroughly APC until no precipitate is observed to get homogeneous solution. Further

removal all the remaining ammonium sulfate and buffer exchange to the conjugation buffer.

## Spectra

## APC Excitation and Emission Spectra



**Storage** 2~8°C, shading light. Do not freeze.

**Shipping** Ice bag **Expiration date** 12 months

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