

Phycoerythrin Accessory Reagent

Phycoerythrin dye

CATALOG # AAA224681	HOST Poryphora	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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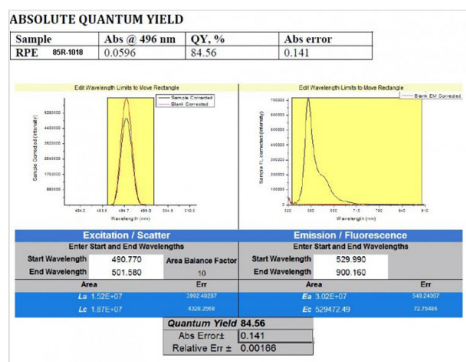
PRODUCT SYNONYMS

Phycoerythrin; Phycoerythrin dye; Phycoerythrin fluorescent dye; Phycoerythrin fluorescent pigment; R-PE dye; PE dye; PE pigment; Phycoerythrin accessory reagent

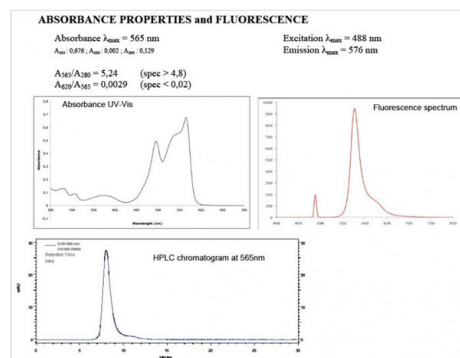
PRODUCT SPECIFICATIONS

Host	Poryphora
Form/Format	Suspended protein in 100 mM sodium phosphate buffer pH 7.0 with 60% ammonium sulfate with 0.02% sodium azide
Concentration	5.55 mg/ml (varies by lot)
Sequence Length	177
Applicable Applications for Phycoerythrin accessory reagent	IA (Immunoassay), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Extinction Coefficient	8.2
Protein Type	Synthetic
Usage Recommendations	For conjugation to antibodies and biomolecules for use in RET and HTRF assays, FACS, FISH, fluorescence microscopy and multiple pigments labeled with antibodies for the detection of specific tumors.
Preparation and Storage	Store at 4 degree C. Protect from light. Do not Freeze.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for Phycoerythrin accessory reagent

Phycoerythrin is a red protein from the light-harvesting phycobiliprotein family, present in cyanobacteria, red algae and cryptomonads. Phycoerythrobilin is the typical chromophore in phycoerythrin. Like all phycobiliproteins, phycoerythrin is composed of a protein part, organised in a hexameric structure of alpha and beta chains, covalently binding chromophores called phycobilins. This Phycoerythrin dye has a Quantum Yield = 84.56%, far in excess of existing fluorophores.

Product Categories/Family for
Phycoerythrin accessory reagent

Diluents; Synthetic

NCBI AND UNIPROT INFORMATION

NCBI GI #	99339
Molecular Weight	240 kDa
NCBI Official Full Name	phycoerythrin - cryptomonad (Chroomonas sp.)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/accessory-reagent/phycoerythrin/224681>