

Product no **AS08 278****R-PC | R-phycocyanin****Product information**

Immunogen	native R-PC purified from phycobilisomes of <i>Porphyridium cruentum</i>
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	200 µl
Reconstitution	For reconstitution add 200 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 1700 - 3000 (WB)
Expected apparent MW	19-21 kDa
Confirmed reactivity	<i>Porphyridium cruentum</i>
Predicted reactivity	Algae (red), Cyanobacteria Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody detects alpha and beta subunits of R-PC
Selected references	Gunnelius et al. (2014). The omega subunit of the RNA polymerase core directs transcription efficiency in cyanobacteria. <i>Nucleic Acids Res.</i> 2014 Jan 29. Gantt & Lipschultz (1974). Phycobilisomes of <i>Porphyridium cruentum</i> : Pigment Analysis. <i>Biochem.</i> 13:2960. Gantt E and C Lipschultz (1977). Probing phycobilisome structure by immuno-electron microscopy. <i>J Phycol.</i> 13:18