Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS08 277

APC | allophycocyanin alpha and beta

Product information

Immunogen	native allophycocyanin alpha and beta purified from *Porphyridium cruentum* phycobilisomes
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 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.
Additional information	This product can be sold containing proclin if requested

Application information

Recommended dilution	1 : 200-1 : 500 (IL), 1 : 1500 - 3000 (WB)
Expected | apparent MW	14-19 kDa
Confirmed reactivity	*Porphyridium cruentum*, *Synechocystis* PCC 6803
Predicted reactivity	Red Algae, Cyanobacteria Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Ge at al. (2017). Translating Divergent Environmental Stresses into a Common Proteome Response through the Histidine Kinase 33 (Hik33) in a Model Cyanobacterium. Mol Cell Proteomics. 2017 Jul;16(7):1258-1274. doi: 10.1074/mcp.M116.068080. Gandini et al. (2017). The transporter SynPAM71 is located in the plasma membrane and thylakoids, and mediates manganese tolerance in Synechocystis PCC6803. New Phytol. 2017 Mar 20. doi: 10.1111/nph.14526. Gunnelius et al. (2014). The omega subunit of the RNA polymerase core directs transcription efficiency in cyanobacteria. Nucleic Acids Res. 2014 Jan 29. Hernandez-Prieto et al. (2011). The small CAB-like proteins of the cyanobacterium Synechocystis sp. PCC 6803: Their involvement in chlorophyll biogenesis for Photosystem II. Bioch.Bioph. Acta. Gantt & Lipschultz (1974). Phycobilisome structure by immuno-electron microscopy. J. Phycology, Vol. 13:3, pages: 185-192. (immunolocalization) Gantt & Lipschultz (1974). Phycobilisomes of Porphyridium cruentum: Pigment Analysis. Biochem. 13:2960. Gantt E & C Lipschultz (1977). Probing phycobilisome structure by immuno-electron microscopy. J Phycol. 13:18