

Product no **AS08 281****95 kDa Lcm (phycobilisome - to- thylakoid core linker with phycocyanobilin chromophore)****Product information**

<b>Immunogen</b>	native protein purified from phycobilisomes of <i>Porphyridium cruentum</i>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µl
<b>Reconstitution</b>	For reconstitution add 200 µl of sterile water
<b>Storage</b>	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.
<b>Additional information</b>	<i>Anabaena</i> sp. sample can serve as a negative control, as under nitrogen deficient conditions phycobiliproteins are going to be lost. Overall sample quality is of crucial importance and in older or not properly stored samples, phycobiliproteins will undergo proteolytic degradation.

**Application information**

<b>Recommended dilution</b>	1 : 300-1 : 1000 (WB)
<b>Expected   apparent MW</b>	95 kDa ( <i>Porphyridium cruentum</i> ), 75-120 kDa (other species)
<b>Confirmed reactivity</b>	<i>Anabaena variabilis</i> , <i>Aphanathece halophytica</i> , <i>Fremyella diplosiphon</i> (Microchaete diplosiphon CCALA 811), <i>Mastigocladus laminosus</i> , <i>Nostoc</i> sp., <i>Synechococcus</i> sp. PCC 7002, ATCC 27264, PR6), <i>Synechococcus elongatus</i> (strain PCC 7942), <i>Anacystis nidulans</i> R2), <i>Synechococcus leopolensis</i> (. <i>elangatus</i> PCC 6301), <i>Synechococcus lividus</i> , <i>Spirulina platensis</i> ( <i>Athrospira platensis</i> ), <i>Tolypothrix tenuis</i> ; red alga: <i>Porphyridium cruentum</i> ( <i>purpureum</i> ), <i>P. aeruginoso</i> , <i>Rhodospirillum rubrum</i> , <i>Griffithsia monilis</i>
<b>Predicted reactivity</b>	Algae (red), Cyanobacteria Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<a href="#">Redlinger</a> & Gantt (1982) A Mr 95,000 polypeptide in <i>Porphyridium cruentum</i> phycobilisomes and thylakoids: PNAS 79:5542. <a href="#">Redlinger</a> & Gantt (1981). Phycobilisome structure of <i>Porphyridium cruentum</i> . Plant Physiol. 68:1375.