

Product no **AS17 4116****Anti-FCP | Fucoxanthin Chla/c protein****Product information**

<b>Immunogen</b>	Purified 19 kDa protein FCP of <i>Heterosigma akashiwo</i> .
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 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>	This antibody can be sold with ProClin

**Application information**

<b>Recommended dilution</b>	1 : 1000-1 : 5000 (WB)
<b>Expected   apparent MW</b>	18-19 kDa
<b>Confirmed reactivity</b>	Aureococcus (Pelagophyte), <i>Heterosigma akashiwo</i> (Bacillariophyte)
<b>Predicted reactivity</b>	Heterokont/stramenopile: Diatoms Species of your interest not listed? <a href="#">Contact us</a>
<b>Additional information</b>	This antibody detects the 2 or 3 major Chl a/c proteins (a.k.a. FCPs), but not the Lhcx's proteins. Antibody will not bind to Lhcx1 (22kDa) or Lhcx6 (25 kDa) proteins of <i>Thassiosira pseudonana</i> .
<b>Selected references</b>	Bentley et al. (2005). Investigation of PSI-associated light-harvesting proteins in a chromophyte alga." In: Photosynthesis: Fundamental Aspects to Global Perspectives (Eds. A. van der Est and D. Bruce), pp.161-163.