
C-phycoerythrin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250488

Unit: 0.1 mg

Description:

The light-harvesting antenna system in red algae and cyanobacteria is formed of phycobilisomes composed of phycobiliproteins: phycoerythrin (CPE), phycoerythrin (CPC) and allophycoerythrin (APC). The phycobiliproteins all share the same subunit composition (heterododecamer of 6 alpha and 6 beta chains) and organization with variations in the covalently bound open-chain tetrapyrrole chromophores.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: Other

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: C-phycoerythrin alpha chain; cpcA; CPC

Accession No.: P72509-alpha chain, P72508-beta chain

Antigen: c-phycoerythrin of *Spirulina* sp. (cyanobacterium)

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.