

## Anti-Cytochrome C/CYCS Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PB9334-Fluoro550

### About CYCS

CYCS is also known as CYC, HCS or THC4. This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Cytochrome C/CYCS Antibody Picoband® Fluoro550 Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .   |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | P99999   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Cytochrome C recombinant protein (Position: G2-E105). Human Cytochrome C shares 91% amino acid (aa) sequence identity with both mouse and rat Cytochrome C. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

## 47 Publications Citing This Product

1. PubMed ID: 10.3389/fphar.2017.00545, Pioglitazone Improves Mitochondrial Function in the Remnant Kidney and Protects against Renal Fibrosis in 5/6 Nephrectomized Rats
2. PubMed ID: 10.3389/fphar.2017.00691, Protective Effects of Sodium ( $\pm$ )-5-Bromo-2-( $\alpha$ -Hydroxypentyl) Benzoate in a Rodent Model of Global Cerebral Ischemia
3. PubMed ID: 10.1371/journal.pone.0147858, N-Acetyl Cysteine Depletes Reactive Oxygen Species and Prevents Dental Monomer-Induced Intrinsic Mitochondrial Apoptosis In Vitro in Human Dental Pulp Cells

Visit [bosterbio.com/anti-cytochrome-c-picoband-trade-antibody-pb9334-boster.html](http://bosterbio.com/anti-cytochrome-c-picoband-trade-antibody-pb9334-boster.html) to see all 47 publications.

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